

News

News editor Lewis Blackwell 01-886 7777 ext 473

Greenwich
'let down'
over river
crossing

GREENWICH council and the newly-formed Thamesmead Trust — the private company set up to take over the Greater London Council's responsibilities in Thamesmead — have clashed over the controversial plans for an east London river crossing.

The long inquiry into the road scheme (today will be day 110) has heard Greenwich council violently oppose the proposal. But the local authority has felt let down by the new trust, whose board has chosen not to back the council's fight.

While Greenwich has argued over the wider environmental effects of the road (which will link the M11 to the A23), Thamesmead Trust is looking purely at the potential benefits to the new town.

The trust's chairman, Clive Thornton, told *BD* that he wanted "to secure the best possible deal for Thamesmead". His view is that the improved access will improve job prospects, and put the town "on the map".

Greenwich argued that the environmental costs of the proposals are too severe — including the demolition of 230 homes, damage to a conservation woodland, and widespread pollution.

Traders going
up-market

ARCHITECTS Trehearne & Norman Preston and the Hubbard Ford Partnership are working on a scheme for redevelopment in Petticoat Lane. The area totals around 45,000sq m and will be for mixed use. A planning application is expected to reach Tower Hamlets next month.

UK architects picked for
Euro education committee

LEADING British architects have been appointed to a European Commission advisory committee on architectural education.

The committee is to ensure standards of education and training for architects throughout the Community, and the Government has nominated three principals plus three alternatives.

David Waterhouse of Water-

house & Ripley represents the practising profession, with Peter Jones, former GLC chief architect, as his alternative.

Liverpool University professor John Tarn represents education, with Hans Haenlein, head of the South Bank Polytechnic architecture school, as his alternative.

Professor Denis Hilton, past chairman of Arcuk, represents competent authorities, with Ian Urquhart from the DoE as his alternate.

Pevsner
goes US

AMERICANS are to get their own equivalent of Pevsner's *Buildings of England* series — but how they are to be commonly known is not yet clear.

Co-editors Adolf K. Placzek and William H. Pierson Jr plan to release about five volumes a year of the 70-volume *The Buildings of the United States*, beginning in 1988.

There will be one volume per state, plus one each for 20 selected cities.

By Lewis Blackwell

The group has written to City architect and planner Stuart Murphy insisting that Victorian frontages that Palumbo and Stirling want to demolish should be retained.

They argue that the buildings are "one of the best surviving groups of Victorian commercial buildings in the City. They form a unique and irreplaceable piece of historic townscape".

Save secretary Ken Powell added that the better features of Stirling's approach — such as having shops at ground floor — were included in the scheme. Terry Farrell drew up for their fight against Mansion House Square.

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Two new housing developments have been announced for Thamesmead. Price Law & Cullen, with developer Roger Malcolm, have won a design tender competition with a scheme for 71 homes.

The competition was set up by the GLC in January. The three other finalists were Colquhoun & Miller, Darbourne & Darke and Peter Milson.

A second scheme — Manor Close — a 13a site in north Thamesmead, has been won by Millon Keynes architects Trevor Denton and Wayland Tunley, also with Roger Malcolm as developer.

Essentially a formal development, the scheme is based on a sweeping south-facing crescent of 40 houses.

It is combined with a commercial/community development in the northern part of the site, including a shop, guest house and craft homes — a relatively new concept providing both accommodation and work space.

Denton & Tunley's design for a development in North Thamesmead.

Palumbo schemes under fire

CITY of London planners are once again being urged by conservationists to oppose Peter Palumbo's plans for the Mansion House area.

James Stirling's two alternatives for No 1 Poultry — the successor scheme to the Mies plan for Mansion House Square — were this week dismissed as "of no particular interest or merit" by Save Britain's Heritage.

"The townscape of that scheme was much more interesting," said Powell. "Really we just feel that after all the fuss, these new schemes are terribly disappointing."

"We should have something better for this crucial site."

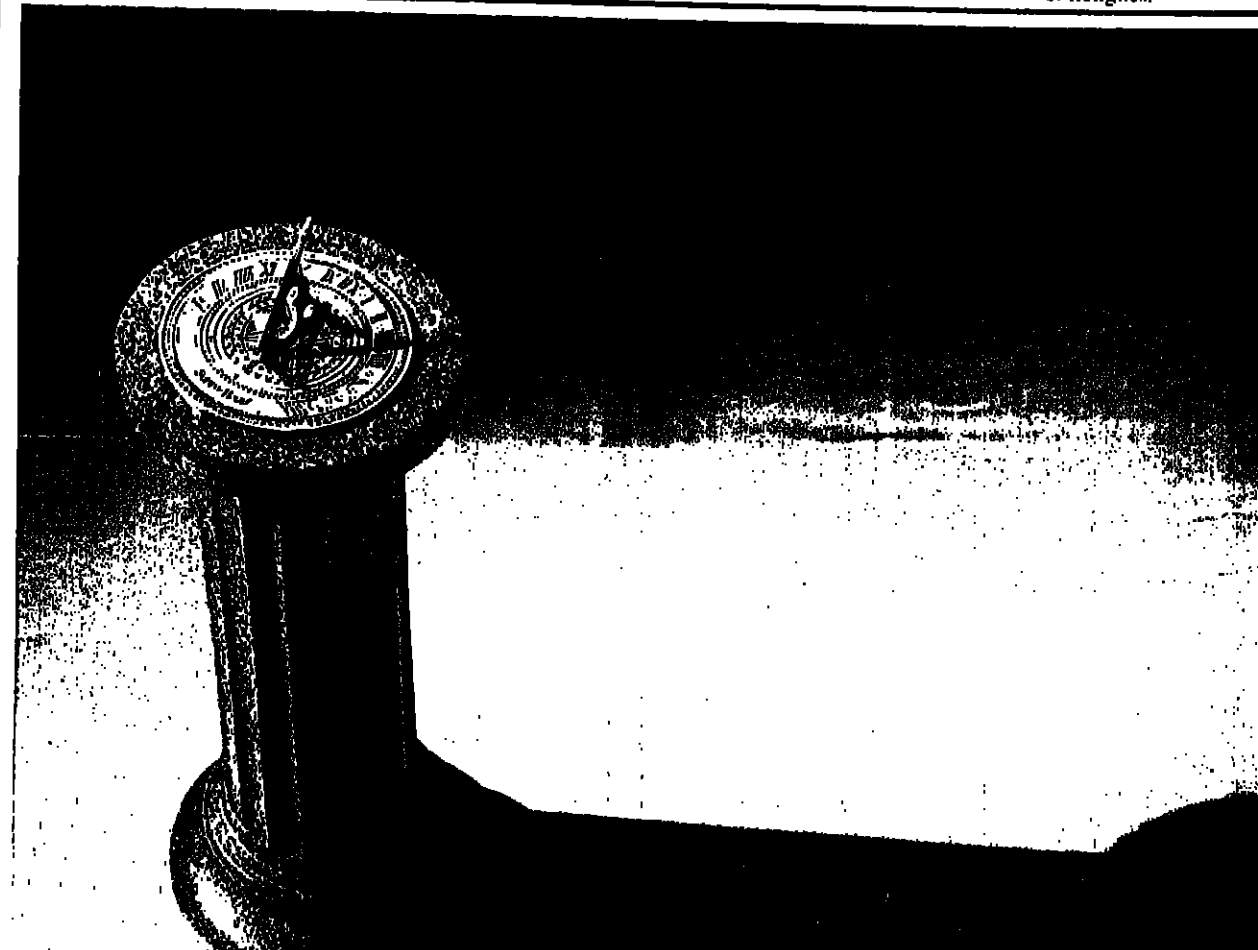
Save has stressed that the loss of the Mappin & Webb building — the variation proposed in the lower-rise Stirling alternative — would be "intolerable", but seems less resolved on out-and-out opposition.

Although Palumbo is thought

to want the schemes to come before planners next month, it seems unlikely the City Corporation committees will pass it back to the planners before September. Before then, the conservationist lobby will have worked hard to assemble a

strong opposition lobby.

Besides Save, the V&A Society is understood to be firmly against the schemes. The Georgian Group has stated it will defer to the decision taken by its conservation colleagues.



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BUILDING DESIGN

No 793

The weekly newspaper for the design team

FRIDAY JUNE 27 1986

Schools pledge to defy Baker

EDUCATION secretary Kenneth Baker is likely to face a High Court challenge to his decision to stop intakes to Huddersfield and North East London Polytechnic schools of architecture.

Both schools pledged this week to defy the directive that intakes to first year courses should cease.

Lawyers are being consulted on the case for taking Baker to court, claiming that he acted

unreasonably, after unjustifiable delay, and that there has been grave maladministration within the Department of Education & Science.

And even if the legal challenge fails, the schools are determined to continue with intakes of overseas students, effectively going private. Meanwhile, the processing of home students who have accepted offers for the threatened courses continues.

Shock confession by Patrick Jenkin

LIMEHOUSE -
'I DIDN'T TAKE
THE DECISION'

CONTROVERSY over a Seifert scheme for London's Docklands has been fuelled by an astonishing revelation about how the DoE overturned its own inspector's decision that the development should not proceed.

Former environment secretary Patrick Jenkin, in whose name the Limehouse Basin permission was issued, has now claimed that he had no involvement in it.

In two letters to a constituent, Jenkin has outlined how the decision was taken and the story is certain to provoke Parliamentary questions from opponents of the development, by Huntinggate Homes, who include MPs David Owen and Peter Shore.

In May, Jenkin wrote to the constituent and said: "I did not actually handle the Limehouse Basin application myself — I was out of the office when the decision fell to be made and it was taken by someone else in my department."

He went on to say that he had discussed the scheme with officials "at an earlier stage" and had thought it should not be turned down.

But in a further letter this month, Jenkin gives a fresh reason for the fact that he did not make the decision himself (it was in fact taken by junior minister Neil Macfarlane).

He claims that it was because he knew "and indeed had met" two of the principal promoters of an alternative scheme and "I

would have been wrong in these circumstances for me to have taken any part in the final decision".

But these were not commercial developers submitting a rival scheme, but a Cambridge student and academic, Michael Mallison and Dalibor Vesely.

By BD Reporter

who gave Jenkin a copy of an "alternative" design, produced after the inquiry by people at the Cambridge school.

This scheme was not the subject of a planning application.

Supporters of the Limehouse *Partnership*, launched last week in a bid to stop the existing proposals, were asking this week why Jenkin had not personally taken the decision on the Limehouse application, a major

mixed development of commercial and residential uses.

At the launch of the petition, SDP leader Dr Owen called on opponents of the scheme to use every blocking tactic to get the designs amended.

And members of the Limehouse Development Group, which has published the petition with the Town & Country Planning Association, are still hopeful that pressure may be brought to bear on the London Docklands Development Corporation and on the landowner, British Waterways Board, which has a contract with Huntinggate.

The group said it was "utterly shameful" that Jenkin should be "out of the office" when the decision was made — when the inquiry report had been on his desk for 14 months.

Rostrum page 2, Comment page 9

New delays for RIBA shuffle

PLANS to start moving the RIBA companies out of 66 Portland Place are being postponed for up to two years, spelling delay for the controversial scheme to turn the

institute headquarters into an architecture centre and home for the Drawings Collection.

The reason given for the delay

Shops come under fire

THE Royal Fine Art Commission this week called for a major improvement in shop design and the high street environment.

In a new departure, the RFAC has published *Design In The High Street*, a guide to what is wrong with Britain's high streets and how they could be improved, written by Gordon Mitchell.

Local authorities are blamed for not exercising sufficient "vision and insight", and traders and developers are also attacked. Commission chairman Norman St John Stevens says that high streets "have been allowed to become the setting for a visual shouting match".

Sorting
out Soho

Westminster planners are succeeding in their clamp-down on seedy Soho, but efforts to reseed with up-market new developments are not assured of finding favour.

For example, this month's proposal on Friar Street by local architects Thompsonstone Wintersgill Faulkner, for rebuilding Friar's restaurant with offices and light industrial above, goes to planning committee next Tuesday carrying a recommendation for refusal from city planner James Thomas.

Conservationists the Soho Society don't object, the mix of uses is acceptable, but apparently the expressed structure is rather out of

and TWF should have copied the windows punched in the facades of the neighbouring, rather inferior buildings.

Bob Thompsonstone said the recommendation appeared to be purely on aesthetic grounds, and his client would appeal if refused.

Isozaki show

THIS year's RIBA Gold Medalist Arata Isozaki is to get his first major British exhibition at the 9H Gallery in London, opening on July 7.

is that asbestos has been found in a building that RIBA Magazines and Services were to move into in August.

But a RIBA adviser has told *BD* that the move is also being jeopardised by a lack of funds.

The official RIBA statement was that "the premises were found to be unsuitable and the institute is reviewing the precise nature of the needs of the companies before looking for new premises".

The competition to design a new £150,000 gallery for the drawings at the RIBA is still due to be launched in September.

Work boom
for private
architects

ARCHITECTS in the private sector are enjoying a boom time, the latest RIBA workload statistics reveal.

In the first three months of the year commissions rose by 15.3 per cent and production drawings were up by a staggering 37.7 per cent on the end of 1985. Year-on-year, commissions were up nearly 10 per cent and production drawings were up 32 per cent.

For the 13th successive quarter private architectural employment rose. It is up by 1.5 per cent.

The long-term view on the boom is provided by the 27.5 per cent increase in the value of work certified by architects during 1985, while building output rose by only 6.3 per cent.

And the National Economic Development Office forecast this week that commercial buildings would lead the recovery of the construction industry, with output back to the 1979 peak by 1988.

Nedo projects a growth of 15 per cent in the sector.

Architex at
the Barbican

THE second Architex exhibition opened at the Barbican on Wednesday, and runs until this evening. Among attractions have been the sight of City and London Docklands planners pitching their development opportunities against each other to the property and design professionals at seminars.

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Pevsner
goes US

AMERICANS are to get their own equivalent of Pevsner's *Buildings of England* series — but how they are to be commonly known is not yet clear.

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D-day in Docklands

A new stage in the battle to save Limehouse Basin from what local people consider totally inappropriate development took place last week, with the launch of the *Limehouse Petition*, backed by architects community groups and local MPs Peter Shore and David Owen. Architect Peter Phippen reviews here the reasons why the proposals have aroused such anger.

WE are about to witness an act of gross urban vandalism which, if it applied to the natural environment, would be greeted with howls of protest countrywide.

I refer to the proposed redevelopment of Regents Canal Dock, or Limehouse Basin, by Huntinggate Homes and Selfert, with the backing of the former secretary of state, Patrick Jenkin.

These may be strong words, but it cannot be emphasised enough that we are talking about a unique piece of our heritage — unique in its own way as Covent Garden and equally worthy of regeneration for the benefit of local residents and the public at large.

That this is occurring despite the panoply of planning legislation, public participation, consultation and every other facet of the planning machine design to ensure that the right thing gets done. There are at least two bodies involved who have a measure of public responsibility, namely the British

Waterways Board and the London Docklands Development Corporation.

Despite this, the then secretary of state Patrick Jenkin overruled his inspector, and construction is commencing on a scheme which shows a total lack of awareness of the needs of the neighbourhood, the needs of local people and perhaps even more blatantly of the physical realities of the site.

One only has to view the basin to feel a strong sense of place. It is protected, enclosed, irregular and intriguing in shape with a long quay facing due south with a view over the basin and to the

river beyond backed by the viaduct of old Docklands railway. It needs little or no imagination to see this quay retained and exploited for use by the public and equally little imagination to imagine the enhancement of the viaduct by the use of the arches with taller buildings constructed behind it.

The basin is marvellously situated in terms of communications, being at the north-east end of the Rotherhithe Tunnel, having the new Docklands Light Railway running along the existing listed Victorian viaduct on its north side adjoining the A23 and, most importantly,

having two connections to the inland waterway network — namely to the River Lee navigation and to the Grand Union Canal.

The area is unique. A place which could so easily become an attraction for locals and visitors alike with the exploitation of the quayside to create a promenade and the creation of shopping and exhibition space adjoining the north quay. A place which with the adjoining Ropemakers Fields could cater for a variety of recreational tastes including water sports and other indoor and outdoor leisure pursuits. There is ample space for housing

adjoining the Limehouse Cut canal and overlooking the river and for workshops and offices on the south side of the basin.

Good living conditions and employment and a unique area for recreation could be created at one fell swoop given the will, given the full use of existing powers to acquire areas of land beyond the immediate confines of the basin, and the pursuance of enlightened planning policies by the LDDC and Tower Hamlets.

Instead of this potentially magical mix, we have proposals to fill in nearly half the basin using, ironically, public money

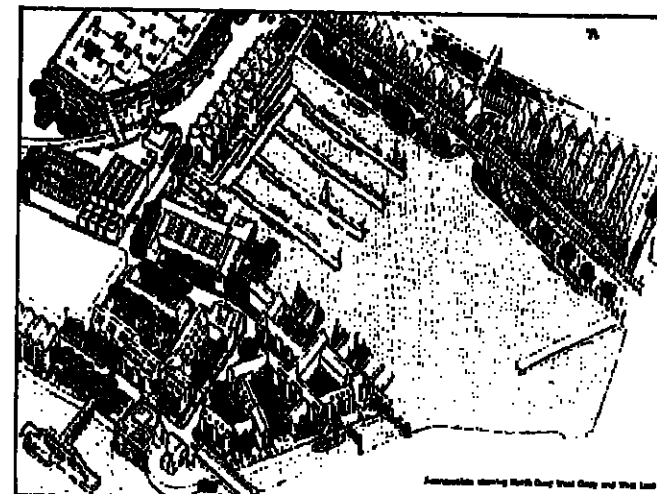
in the form of a derelict land grant, and to build off and expensive flats which will solely occupied by commuters to the City and the new echelons of management, Canary Wharf.

The proposed scheme is socially disastrous and architecturally inept. It makes an attempt to repair social and environmental blight and destroys a marvellous built source.

Construction is starting, all pressure must be brought to prevent them going ahead in their present form. It may be possible to prevent construction taking place by Huntinggate, it may be possible to secure changes which mitigate these excesses.

The Limehouse Development Group has made a start, organising the *Limehouse Petition*. Readers of *BD* can purchase a copy of its petition sign the petition.

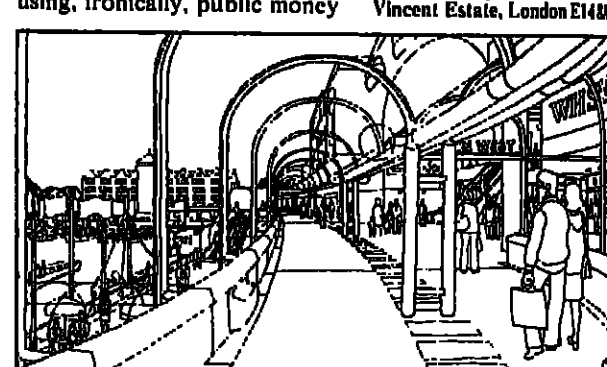
Copies of the petition, price £5, available from the Limehouse Development Group, 10 Garford House, Vincent Estate, London E14 4LH.



Axometric showing North Quay, West Quay and West Lock.



Section through North Quay showing shopping mall and viaduct. Peter Phippen of Phippen Randall & Parkes was the director in charge of an early scheme for Limehouse Basin with Rae Haffenberg and a public company. Davis Belfield & Everest were responsible for cost studies and Alan Baxter & Associates advised on structural matters. This was aborted because of the ill-defined nature of the competition for the site and the necessity to include land outside British Waterways Board ownership to create a satisfactory and viable scheme.



Upper level walkway. The scheme retained the north quay of Limehouse Basin as a promenade created a leisure and shopping complex behind the viaduct. This was directly by the new Docklands Light Railway with workshops and houses around the basin. It exploited the unique qualities of the basin to create an attraction for people and for the public at large as well as providing employment and housing.

Save joins fight against Limehouse scheme

CONSERVATION group Save is backing opponents of development at Limehouse Basin in a report published this week. It says:

"The prospect now is of Limehouse being transformed, indeed altered beyond recognition, by large-scale developments which show no sympathy for the history, character or community of the area. The London Docklands Development Corporation was set up in 1981 to encourage new development in London's Docklands, to secure and channel investment into the empty acres.

"It has had great success in this task, but has often had to compromise on standards. This has been a buyer's market, with permission given to piecemeal development, often unrelated in style and layout. New housing schemes range from the good and imaginative to the banal. News International's vast and hideous printing works suggests at worst that the Docklands is a dumping ground for developments which could not be contemplated elsewhere. 'Fortress Wapping' replaced the magnificent 1800s warehouses of the London Docks, designed by D A Alexander.

"To the other side of Limehouse, the Canary Wharf scheme is, of course, capable of transforming the life of the East End and of much of south London. The scheme would provide 10 million square feet of offices, housing 40,000 employees, and linked to the City by a new light railway now under construction. In the Royal Docks area, yet further east, three schemes, totalling six million square feet, have recently been made public. Apart from offices, there would be exhibition space, a science park, hotels, housing and shops. Total investment of up to £1,800 million is



Limehouse Basin — a "unique historic area".

being discussed. The LDDC has appointed Richard Rogers as its consultant for the development of the whole Royal Docks area, which will be served by the new Docklands airport.

"In this context, the Huntinggate/Selfert proposals for Limehouse look very small beer. They are, however, capable of ruining a unique historic area where small scale, community-based development is not only practical but highly desirable.

"One of Patrick Jenkin's last acts, as Secretary of State for the Environment, was to overrule his inspector (who reported in June 1984, following a lengthy public inquiry) and allow this development to proceed. He ignored the

inspector's view that the development was the preservation of a unique historic area where small scale, community-based development is not only practical but highly desirable.

"At present, Huntinggate/Selfert proposals for Limehouse look very small beer. They are, however, capable of ruining a unique historic area where small scale, community-based development is not only practical but highly desirable.

Restoring Lyceum's full glory

AN ambitious restoration scheme for Covent Garden's Lyceum Theatre promises to return the famous venue to "its former architectural glory" while providing London with a dance theatre.

The new proposal by a secret consortium led by Stephen Hetherington, plans to restore and modernise the theatre to provide an auditorium seating over 2,000 with full technical and rehearsal facilities.

The Grade II-listed theatre, largely rebuilt in 1912, has been leased to Mecca for use as a ballroom. Mecca was negotiating with the Greater London Council — the freeholders — for a long lease while the freehold was to have passed to the Theatres Trust charity for £1 per annum.

But the DoE refused to let the GLC's proposals go ahead, and the theatre passed to the London Residuary Body. The LRB says it is charged with getting maximum commercial value from its property over and above any artistic or historical considerations, and will be deciding on disposal next month.

Hetherington told *BD* that architects at English Heritage would be involved at the outset to ensure the highest possible standard of restoration. Other architects and designers would also be involved, he said.

Mecca has been negotiating with the LRB on a rival scheme with Kyle Stewart, a £5 million design-and-build proposal for the Lyceum's conversion into a multi-use centre.

This scheme has had the informal approval of both Westminster council and the GLC's historic buildings division.

An LRB spokesman said it is waiting for set detailed proposals from Hetherington but a decision on the Lyceum's future would be made in the next month.

Wanamaker wins fight for Globe Theatre

ACTOR-producer Sam Wanamaker this week won his 15-year fight to be able to build a reproduction of Shakespeare's Globe Theatre on the south bank of the Thames.

An out-of-court settlement on Wednesday ended litigation involving the Shakespeare Globe Trust, developer Dermo Estates and the London borough of Southwark council.

The council was an all-round loser, agreeing to give the trust a 125-year lease on a 0.3ha site next to Southwark Bridge, pay Dermo £7.2 million compensation for the failure to go ahead with an earlier scheme, and to move within a year a road-sweepers' depot that has been used as a block to the development plans.

The trust is now planning to

Major apartheid splits looming over ISAA constitution

THE Institute of South African Architects is facing a major split over how its members work within the apartheid system.

The issue, to be resolved by a special general meeting of the institute on July 7, has now involved the RIBA, which has been criticised for failing to respond to requests by the Architects Against Apartheid group for support.

Two letters from the group were received at Portland Place on February 3 and April 2. They went unanswered until June 19, the day before *BD* published a letter from Hans Schirmacher of Architects Against Apartheid criticising the RIBA president's "rebuff".

Schirmacher told *BD* that he wonders if the ISAA "has extended influence in the UK of which I was not aware".

RIBA president Larry Roland's letter to Schirmacher says that the RIBA Council "has been impressed with the work that the ISAA has tried to do in opposing apartheid. We are currently studying the ways the RIBA can most effectively help the situation and will be continuing our discussions with the ISAA".

The ISAA has called the sgsm after mounting pressure from Architects Against Apartheid, culminating in 160 members signing a petition for the meeting.

This will consider whether or not to change the codes of conduct to effectively forbid members working on Government projects or on schemes that in other ways support the apartheid system.

The motion to be discussed involves adopting in the code the Union of International Architects' Warsaw Declaration on human rights. The ISAA has already affirmed its support for

By BD Reporter

this but both the UIA and the ISAA's more radical members want to see a real commitment. UIA senior vice-president, Rod Hackney said the RIBA could not "sit on the fence" while South African architects — who include many RIBA members — expected a lead from the institute.

"Perhaps the RIBA should adopt the Warsaw declaration as well," said Hackney. "And perhaps it should be looking to see what sort of work its members do in South Africa."

The UIA resolution is quite clear in opposing architects working, for example, in district six in Cape Town.

This district is a former residential area, mostly black, bulldozed to make way for white development.

Hackney said architects would be risking imprisonment by breaking the South African "state of emergency" laws. The RIBA should clearly back their cause, he said.



Staircase up for grabs

Does anyone want a staircase? This fine Italianate stairway, seen here in its former setting of the Broad Street Station, is going begging.

Built in the 1860s by the first chief engineer for the London North Western Region, William Baker, the marble-arched external staircase was considered the only feature worth keeping when the station was demolished last year.

The staircase was dismantled stone by stone last September as part of its reconstruction on another appropriate site.

Neither the British Railways Board nor the Railway Heritage Trust have been able to identify a suitable railway location and the pieces have been stored at a lock-up arch at Stepney.

BR Board architect Rodney Taylor said: "It is useless to leave the staircase lying in pieces. It is better that it is rebuilt and is visible to lots of people."

The Railway Heritage Trust will help the new owner transport the stairway to its new location. Anyone interested should get in touch with R Taylor, tel: 01-262 3232 (ext 5882).

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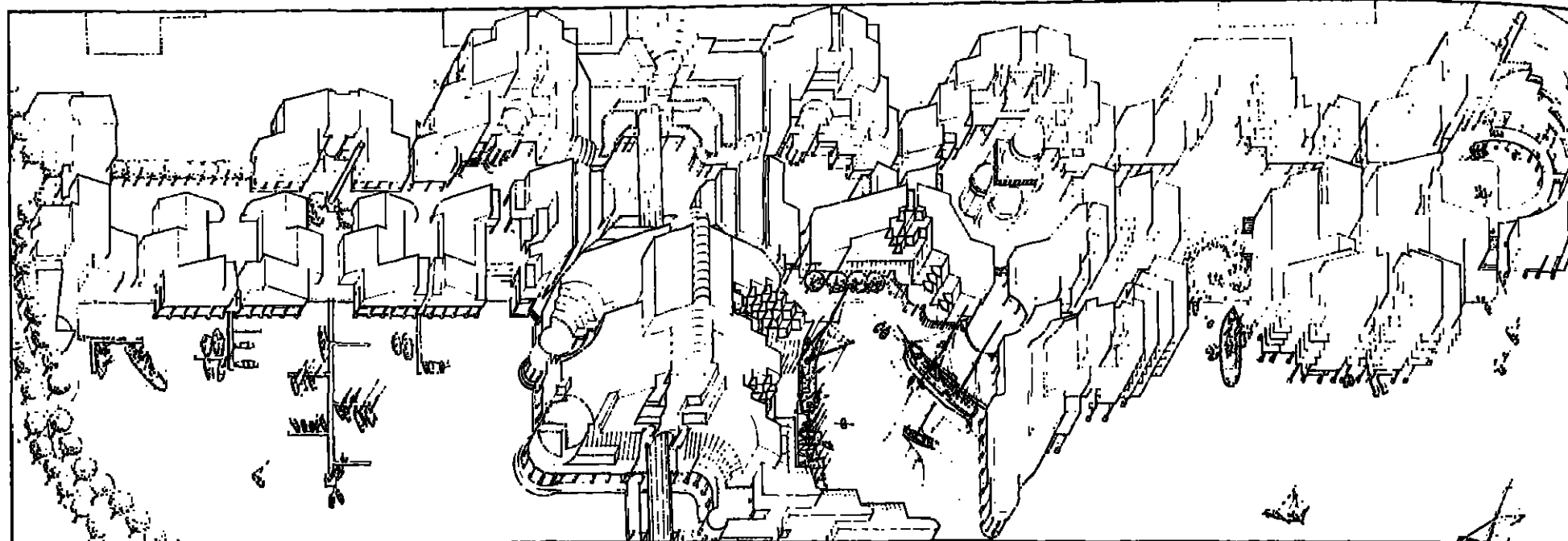


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Docklands news



Detail from axonometric of revised Heron Quays scheme, showing existing buildings (left).

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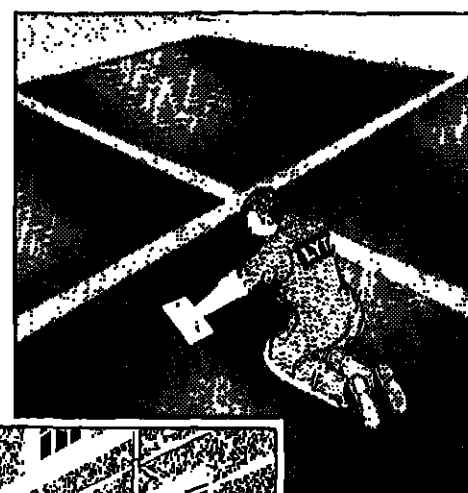
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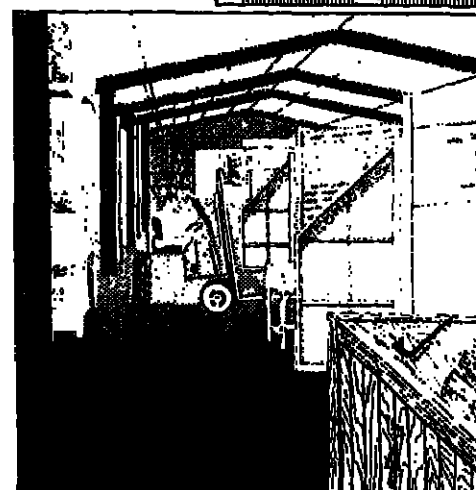
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Camden's housing requisition call

COUNCILLORS on Camden's Labour controlled council have called for the requisition of homes in private ownership for use by the homeless.

According to Camden's figures it has land to build only 600 new homes and very little property left for renovation.

The borough has over 4,000 empty private homes which could be used to make up the increasing demand for housing that cannot be met without a massive injection of extra funds.

Tory councillors said they refused to back the call for requisition while Camden's record on its own empty homes was so bad.

Cecil stands for RIBA presidency

RAY Cecil is the first candidate to declare himself for the next presidency of the RIBA.

The current practice vice-chairman has decided to stand for the council nomination as senior vice-president after "being pressed to do so several times in the past".

Other possibilities are still musing over the strength of their support and enthusiasm for the extra workload.

Names of candidates and their 400 word statements of intent must be lodged with the RIBA by July 7, with council voting on July 22.

The senior vice-president will then have to wait and see if any challenge comes from outside

council before being assured of succeeding Larry Rolland as president.

"I don't see myself standing on any one specific issue, or

representing any sectional or political interest," Cecil told *BD*.

David Rock and Raymond Andrews have admitted they are thinking of standing for the nomination, but are both still taking soundings.

Andrews, beaten by Rolland for council nomination two years ago, is considering his response to councillors who want him to stand again.

By Maurice Cooper

Legal challenge over GLC repair grants

A MASSIVE last-minute hand-out by the Greater London Council for housing repairs is to be challenged by the London Residuary Body.

The GLC handed over £75 million to Satman - a financial management company - two days before it was abolished.

The money was to be divided between 14 boroughs with ex-GLC housing stock and has earmarked for defective roofs, rotten windows, inadequate drains and to improve heating and security on estates.

But the money was frozen until the LRB received an opinion on its legality. A Satman spokesman said the interest accruing would be divided between the boroughs.

Counsel acting for the Association of London Authorities has now said that both lots of money - £33 million that was originally to go to the Inner London Education Authority and £45 million that came from money not spent by other GLC committees - is legal.

But despite this latest opinion LRB chief "Tag" Taylor says it will challenge £45 million of the payments, based on LRB's own legal advice.

An LRB spokesman said he would not divulge its case against Satman because this could ruin its chance of winning.

The £33 million that the LRB has not challenged will now be used to reimburse boroughs for money already spent on repairs.

Council considers taking on more staff

WITH a replacement programme for schools and social services establishments running at £5 million, Essex council is considering employing more architects to speed up new building projects.

The county's estates and architectural services committee has agreed in principle to an increase of 25 professional and administrative staff.

County architect Alan Willis, has been asked to prepare detailed proposals for taking on

more design work in-house and improving performance on maintenance of existing buildings.

"The aim is to enable another 10 per cent of design work to be done within the architects' department, bringing the total up to 70 per cent," said a county council spokesman.

It is also hoped to expand present computer facilities to improve the pre-planning of the department's maintenance programme.

Advice for the Chancellor

CHANCELLOR of the Exchequer Nigel Lawson is receiving more advice on how he should help the construction industry.

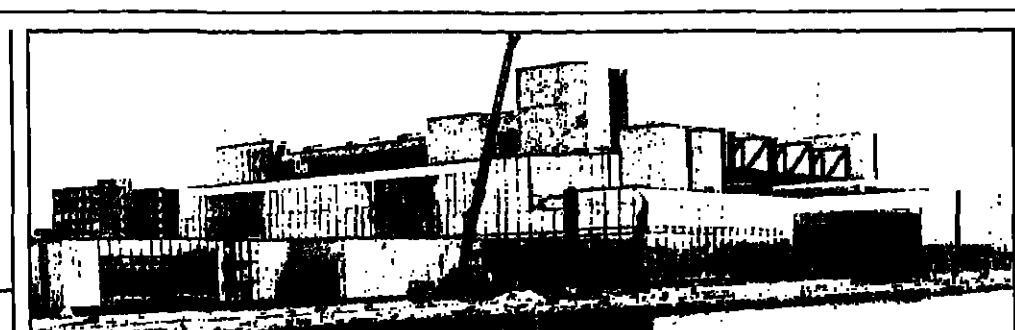
The National Council of Building Materials Producers has told him to invest in the infrastructure, partnership schemes and home improvement grants and to relieve the industry's tax burden.

More honours for architects

BERNARD Throp of Powell Moya, partner in charge of the new Queen Elizabeth II International conference centre at Westminster, was awarded an OBE in the Queen's Birthday Honours List.

Chairman Lacey, superintending architect for the Property Service Agency, was made a Lieutenant of the Victorian Order.

News



Fleet Street revival on the Isle of Dogs

While the print union dispute rages at the News International printing works in Wapping, work on the new £30 million *Daily Telegraph* printing works on the Isle of Dogs is nearing completion (above).

But the building, by Watkins Gray Wilkinson Associates, due to start operations by October this year, could have its opening delayed until acceptable redundancy arrangements for News International employees are worked out and set the precedent for paying off the unwanted workforce in the old *Telegraph* building in Fleet Street.

The new *Telegraph* headquarters - which has a 2,700 tonne structural steel frame with an easy knock-down side wall to allow for future expansion - has one of the largest press halls in Europe at 3,600sq m.

At its height of production the building is capable of churning out more than 1 million copies every night. This figure is far beyond the *Daily Telegraph's* needs and it appears that the new owner, Conrad Black, will be looking to sell a substantial amount of print time to other publications.

One publication that won't be needing the *Telegraph's* services is the *Guardian*. Its own building, also by Wimpey but designed by Newman Levinson & Partners, is due to be finished in August. Work started last July on the £6.7 million building which is a stone's throw away from the *Daily Telegraph* building on Lighterman's Road.

Empty homes need carrots

BIGGER decoration grants and rent-free periods may be offered as inducements to people to take on nearly 2,000 homes which are standing empty in Wolverhampton.

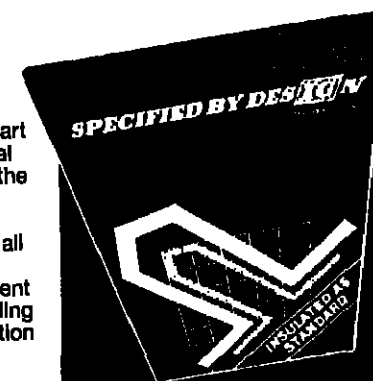
Some 2,500 pensioners are queuing for special homes (with only 105 available each year) and 4,000 families are seeking family homes (of which 700 a year are available).

Councillors have ordered a major report on ways of making new tenancies more attractive.

Rival Labour and Tory councillors are still rowing over who is to blame for the empty housing.

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Better by design

Architects win support for Bromley scheme

TIBBALDS Partnership have won the backing of Bromley council for its major feasibility study on a site in the Kent township.

The architects-planners have come out firmly against comprehensive redevelopment of an area around the station for which development proposals have gone to inquiry.

The council is set to take up the practice's recommendation for acting on "incremental availability" by seeking to buy some of the land.

Tibbalds argue that the incremental approach will achieve a "mellow townscape", and insist on resistance to large commercial developments.

Their report also advocates building no higher than four storeys, promotion of intricate design and layout with particular attention to roofscape, mellow materials and a pedestrian environment.

Doubling the money

PRIZE money for the third architectural design award sponsored by the Patent Glazing Conference has been doubled to £1,000.

The competition is open to all UK architects for British buildings completed between January 1, 1985 and the end of 1986 and the closing date for entries is January 31, 1987.

Entry forms from PGC, 13 Upper High Street, Epsom, Surrey KT17 4QY. (037 27) 29191.

Fire chief

MICHAEL Richardson is the new head of the Fire Research Station Advisory Section. He succeeds Frank Adams who has become a private consultant.

Agents jump on Big Bang bandwagon

WITH an eye on the Big Bang, chartered surveyors Drivers Jonas have launched an "office strategy review" aimed at boosting the flagging profile of office accommodation.

Offices are often ill-suited to the future needs of the client say Drivers Jonas. A more "intellectual approach" is needed to ensure that space planning, services, and the building's maintenance are catered for.

AMA report counters council housing claims

LOCAL authority housing has been blighted by a "crude and distorted picture", claimed the Association of Metropolitan Authorities last week in its report *Achievements in council housing*.

"Council housing is often portrayed as consisting entirely of decaying tower blocks occupied by people who, if they only had the choice, would leave tomorrow," said AMA housing chairman Clive Betts.

"In fact only a quarter of local authority tenants live in purpose-built flats and only one in 20 live above the fifth floor. Most council tenants live in low-rise housing: of traditional design."

He blamed the housing crisis on Government funding con-

NHBC in dispute with Government on urban land use

HOUSEBUILDERS and the Government have clashed over their interpretation of the potential of urban land for housing.

New statistics published by the DoE on land use have been interpreted by Government ministers as demonstrating the scope for building homes in inner city areas.

But the National House-Building Council has countered with its own study purporting to show that building homes in the inner city is not financially or socially justifiable, but is merely a reaction to conservation pressures.

Research carried out for the NHBC by Coopers Lybrand examined the success of the urban development grant and development land grant schemes.

This showed that the development land grants were much more successful in getting homes built — for each £1 million of public money the UDGs produced an average of 129 homes whereas the DLG projects averaged 274 homes.

Coopers Lybrand found that inner urban sites — perhaps not surprisingly — produced fewer new homes for the money than sites on the edge of cities and towns. On such sites £1 million produced on average 120 homes, against 780 homes on a more desirable location. Neither grant scheme reduced pressure on greenfield sites.

The study concluded by suggesting a new grant scheme would be the best way to try and resolve apparently conflicting motives in the grant schemes.

"The better the quality of the dwelling and its surrounds, the lower the grant element will be and the greater the saving in undeveloped land. Therefore the objective of meeting the

By Lewis Blackwell

social needs of inner city areas is in direct opposition to conservation and high levels of cost-effectiveness."

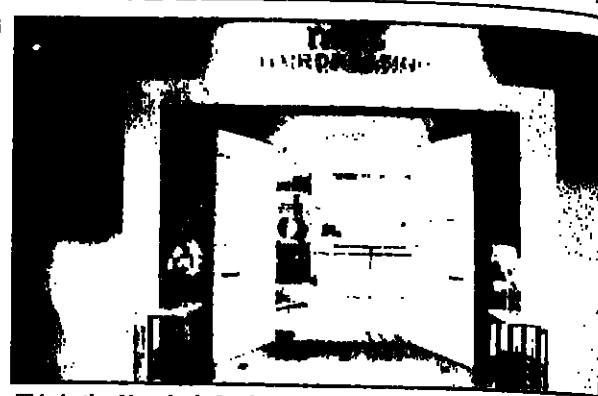
But the DoE is apparently oblivious to the blandishments of the housebuilders. Environment minister, Lord Elton, speaking at the RIBA, launched the *Land Use Change in England*

bulletin, which showed an increasing take up of urban sites for housing and a great potential for similar future development.

About 45 percent of land used for housing was recycled — but that still leaves 55 per cent being built on former greenfield sites.

Overall, the survey showed decreases in agricultural, forestry and vacant land and increases in land residential, recreation, transport and utilities use.

And while Elton promoted the idea of building in cities, the figures showed more than a three-to-one preference among housebuilders for using green field sites against urban land.



This is the Next look for hairdressing salons, as designed by David Lee Associates.

The consultancy has carried out a complete design package — from interior (below) right through to the packaging. A mixture of black and white, metal, marble, timber and frosted glass is offset with flowers, plants and designer-chosen.

The new hairdressing style has been applied to salons in Exeter (see above), Newcastle and Richmond.



Spa plan attracts Leamington councillors

CONTROVERSIAL plans to convert Leamington Spa's 170-year-old Royal Pump Rooms into a private health centre have gained the backing of councillors.

But the proposal from a local consortium, led by architect Ken Hitchman and a surgeon, has angered opposition Labour MPs who claim it could recreate the luxury spa days of the town, catering merely for the wealthy.

They want the council to retain control of the building, which is said to be in danger of slipping into the river and needs more than £1 million of repairs, rather than allowing Hitchman's £4 million scheme to go ahead.

But the special working party has recommended the Hitchman scheme be chosen, in preference to four others submitted.

South Africa style

South African architect Monty Sack has joined the late Ted Levy's practice, now called Levy Benjamin Horovitch.

The 60-year-old Sack, who left South Africa last year, employed the young Levy on projects in Johannesburg. They agreed to work together again just before Levy died in March this year.

Sack's former practice has recently completed the first phase in a new housing programme in Soweto for De Beers. The scheme of 49 houses (pictured) is to develop home ownership among the company's black workers, with the units being sold at cost price between R23,000 and R26,000.

Three house type designs by Monty Sack, Richard Crowhurst & Partners were offered to future residents, involving a basic core with add-on components.

They have tiled roofs and brick walls, providing two bedrooms, living room, kitchen and bathroom.

So far De Beers has built 150 homes for sale to black workers.



DoE reviews guidelines for development in London

NEW guidelines on the urban design of London are being drawn up by the DoE.

The protection of views, the siting of high buildings, and the continuing improvement of the

Thames as an amenity are among priorities for a review of the Greater London Development Plan, environment minister Lord Elton has revealed.

Other priorities are still being assessed, he told the "Who Plans London Now" conference at the RIBA. But the result will include a statement on the Government's approach to major planning in London.

He said the abolition of the Greater London Council had cleared away planning red tape, and it was the Government's intention to keep it that way.

The DoE did not intend to ignore red tape remaining in other parts of the planning process.

Trevor Osborne, chairman of developer Speyhawk, attacked the growth of political pressures on planning decisions in his address to the conference.

He said the planning system "has become the dustbin of all grievances".

He saw the City Corporation as a model authority in making fair planning judgments, at-

tributing this to the "great advantage" that it was not "democratically elected".

He said political concerns brought a short-term perspective to councillors' judgments. Often key planning decisions were taken "outside the council chamber in political meetings... the system is used and abused by many".

Among suggestions he offered to any review of the planning system was that "excessive public consultation" should be stopped, with comments clearly limited to particular matters, and a strict timetable for decision.

He did not regret the passing of the Greater London Council, saying that he thought strategic planning was best done by the environment secretary.

Osborne later had to join Terry Farrell on a speakers' panel, the architect of the rival scheme to Speyhawk's Wimbledon town centre project.

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Farrell schemes optimism

TERRY Farrell has had a double boost to his chances of imposing more of his urban design vision on London.

His scheme for Wimbledon town centre has gained the support of English Heritage officers, and also has a better chance of success from the environment secretary's decision to call in the rival BDP scheme for Speyhawk.

And at Hammersmith Broadway his alternative design to the comprehensive redevelopment plan is getting firm support from the council and MPs, in preference to Elsom Pack & Robert's scheme.

His client, Hammersmith Community Trust, also has a lease on part of the site that developer Bredero with London Regional Transport plans to use for the massive office, shops and transport interchange scheme it has permission for.

The decision of the new Labour-controlled authority to designate the whole site as a conservation area (News last week) effectively means Bredero will have to get a new round of permissions to demolish.

Bredero and LRT have said they will appeal to the DoE if they are refused permission.

In Wimbledon, the call-in of the Speyhawk shops and office scheme means the proposal will be examined at the same time as Farrell and developer Greycoat have their appeal heard on a rival "Incremental" plan.

Merton council, which owns some of the land in question, has been behind the Speyhawk proposal, but could now see its authority challenged.

But Speyhawk is adamant its scheme is the right approach, pointing to a recent Mori poll where 70 per cent of local people said they were in favour of the plan for a 30,000sq m shopping centre.

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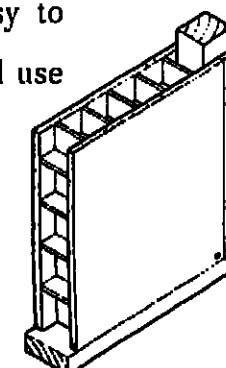
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Essex energy study

THE EEC has given Essex County Council a £56,000 grant to investigate energy conservation in relocatable buildings, used mainly by schools to cater for temporary "overspills" of students.

The European community grant will finance a three-year

study by the county council, which has had to make wide use of temporary school buildings to cope with a steadily expanding population in the wake of a development boom.

Essex spent £1.5 million acquiring new sites for schools last year.

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Jaundiced view of Irish problem

From Aubrey Calderwood
I FEEL I cannot let Brian Anson's remarks made in his letter (June 13) about the Divis flats in Belfast, pass without comment.
He seeks to criticise me for making "no real comment upon the actual social and physical environment of the complex". Surely this is a use of architectural licence which exceeds all the bounds of credibility? On the one hand Anson writes a piece about the conditions in the Divis complex from the obvious standpoint of a supporter of Irish Nationalism, on the other he tries to absolve himself from any criticism of this view by using his professional status to claim that social and physical aspects of the problem are the real issues for attention.
I would like nothing better than to open-mindedly com-

ment solely upon social and physical issues on the Divis estate but am prevented from doing so by the political inference Anson has chosen to adopt in writing his original article. He cannot further the plight of the Divis residents in this way.
If he wishes to receive unjaundiced criticism on the subject matter of his article, he should be prepared to stifle his canny version of the "Irish Problem" and write an equally unjaundiced piece in the first place.
Aubrey Calderwood
Newcastle-upon-Tyne

Cads are at it again

From A Stuart Gray
I QUOTE from Hugh Kingsmill: "Regent Street was practically unaltered since the time of the Regent until the early 1920s when all these five-storeyed erections were run up by a number of cads who computed success by money and turned what was primarily a work of art and secondarily a shopping centre into what is primarily a shopping centre and secondarily nothing at all".
Talking of Dick Whittington (1947).
Judging by the recent shopfront for the British Travel Centre at 12 Regent Street, noticed first by *Private Eye* and

twice by LBC Radio, who quoted John Robinson of English Heritage, the "cads" are at it again.
This outrage to Royal Property in Royal Blue (any significance?) plastic, white cement and red brick actually overlaps the pier and architrave of the BBC next door, over which white paint has been sloshed.
Perhaps it is some years since those concerned have visited Rome or Florence to observe how rigidly the tenants of the shops in the great Renaissance palaces lining the streets have kept to their territory — a custom introduced by ancient Rome herself.
Are these bad manners catching among the travel agencies? Quantas Airways destroyed the whole ground floor of Stewart's Tea Rooms, Old Bond Street and Piccadilly (Read MacDonald) while Canadian Railways swept away the fine arches and central doorway of their Cockspur Street offices done for them by Sir Aston Webb. (See my *Edwardian Architecture*, Duckworth, 1985, pp299, 300 and 378) and what action do the Crown Estates and the Westminster council propose to take?
A Stuart Gray
London NW11

Meaningless language

From Richard Saxon, practice development partner, Building Design Partnership
GOOD luck to McColl Wheatley in their merger (*News* June 20), but please don't use such tendentious language in your report as "BDP... and SOM... are not pure design firms". "Pure design" is a meaningless term in the context of wide

-ranging firms which also offer to ensure that the client gets what he wants delivered on time and cost. I'm sure all three firms do that. And as for the implication that engineering is not "pure design", tell that to any of the great engineers we all admire.
Richard G Saxon
Manchester

Normality and knighthood

From Peter Willis
THIS week's BD (June 20) observes that Andrew Derbyshire's recent knighthood "jumps ahead of the normal recognition afforded to RIBA president".
Of course it depends on what you mean by "normal"; the last RIBA president to be knighted was Sir Peter Shephard, who held office from 1969-71.
Peter Willis
Newcastle-upon-Tyne

Simplistic solutions

From Andrew Pattullo
PETER Falconer's letter of June 13 seems to suggest that premature failure of built-up felt roofs could be mitigated by the simple expedient of protecting them from the sun. He quotes the example of boarded flat-roof vestries built in 1938, where a three-layer build-up of felt is covered with a layer of asbestos tiles laid in bitumen, found to be in good condition some 37 years after completion.
While it is true that felt roofing should be protected from ultra-violet light, to suggest by comparison with a 30s church building that current flat-

roof problems are mainly due to solar insulation is to ignore many construction and building performance criteria.
His vestries were probably built to a good specification in generous construction by workmen who understood what they were doing and had a reasonable time in which to complete the work. Furthermore, space heating is likely to have been low and/or intermittent, with negligible moisture-producing activities occurring inside a naturally ventilated building, giving a low risk of interstitial condensation.
Our more recent history of tight budget, lightweight construction, indifferent workmanship and short contract periods, combined with the high moisture content of many sealed, insulated and centrally heated buildings, creates a more complicated design, construction and performance problem.
Protecting the membrane from solar gain is only one of many essential performance criteria to be considered to achieve a successful long term flat roof.
A R Pattullo
Newcastle-upon-Tyne

Swotting for the irrelevant

From M H Critchley
I READ with interest your editorial BD June 13 regarding "Continuing professional development".
Conscience thus pricked, I was interested to receive in this morning's post a syllabus for the Institute of Advanced Architectural Studies. Hopefully there is an opportunity to sharpen my mind and "bone up" on developments in theory and tech-

nology since I left college 10 years ago. No such luck. The syllabus was concerned almost exclusively with conservative and refurbishment topics.
Surely if CPD is to become a regular feature of architectural life it needs to have some relevance to those of us who live out here in a world of commercial decisions, professional indemnity, and rapid technological change.
M H Critchley
Hampshire

Drawings as a resource

From Roger White, secretary, Georgian Group
JOHN Wells-Thorpe's claim that the RIBA Drawings Collection absorbs £300,000 annually of members' money is, to put no stronger, misleading (*News* June 20). Less the Heinz money for exhibitions, and money that comes from an endowment for purchasing drawings, I guli that membership subscription contribute no more than £100,000.
Furthermore it is perfectly clear that, far from being a minority as Wells-Thorpe claims, historians and students in architectural schools add to a considerable majority those who use the collection: a proportion of architect-members who do so is very small overall. Surely, in any case, the fact that it forms part of a set called "The British Architectural Library" implies that it is not first and foremost the private preserve of the institute to which "outsiders" are admitted as a privilege, but a major resource for international scholarship?
Roger White
London SW4

From infinity to a flea-bite

From Alice Coleman
HERB Meyer challenges me to "concede" that one, and only one, of two mutually exclusive events can take place at one time. I do so willingly, it is a basic axiom of the binomial distribution. However, the binomial is only one of the many theoretical distributions used as yardsticks for analysing observed data, and it is not the appropriate choice for research on housing design.
That is why it leads to the absurdity of 98 non-crimes per week, or one non-crime per 102.9 minutes — a concept which would immediately alert a scientist to the need for a more realistic approach.
In his last letter Mr Meyer felt that four observations were sufficient, but now he dismisses 82,000 observations as a mere flea-bite, and demands nothing less than infinity. Since infinity is unrealistic for a five-year project, he is effectively claiming that there is no such thing as valid research on housing design.
He complains of my arithmetic, but should look to his own. We did not make 21 observations per estate, but per block, and even if we had made only two it could still have been valid. The large numbers required for a statistical exercise are not numbers per case, but total numbers, and our 82,000 observations are more numerous than in the majority of research projects. Another misleading figure is his calculation of a 50:1 chance of escaping

crime-victimisation on the Wigan Housing Estate. He omits to mention that this is per week, and if multiplied up to apply to a year, or several years, produces a very high risk indeed of becoming, not merely a victim, but a recurrent victim.
In his previous letter Mr Meyer wrote "I maintain and will continue to maintain..." This, of course, is the voice of the bigot who refuses to open his mind to new truth, and his most recent letter contains various ways of trying to outflank it, ranging from gratuitous smears ("so-distant", "puerile fourth form") to total inaccuracies ("all statistical analyses return to the normal distribution curve"). Mostly, however, he is writing about statistical abstractions in apparent ignorance of a whole wide field of applied statistics, and writing with the type of self-confident obscurity that may persuade some of your readers that he knows what he is talking about. May I leave him with a thought? The light of science is not for blinding with, but for illuminating the truth.
Alice Coleman
London WC2
This correspondence is now closed - Ed.

Unified front is threatened

From Larry Rolland, president, RIBA
I HAVE just returned from the

US to read the continuing publicity in your paper about the RICS brochure *Warning: Not Using a Chartered Surveyor Can Put You At Risk*. The reaction of some of my members to this publication has been one of understandable irritation.
I have written to the president of the RICS informing him that while it is a polished and well-conceived piece of promotion the suggestion of omniscience in the text and the absence of credits from the illustrations is unfortunate. Any publication that encourages potential clients to build well is welcome. However, it is vitally important for the building industry to exhibit unity. The RICS brochure does not help to promote this.
Larry Rolland
London W1

'Dreaded' UK road networks

From Peter Phillips
CONCERNED at the poor standard of Britain's road network and associated facilities, particularly in comparison with Continental countries, I am presently collecting opinions and information on the subject from interested professions with a view to publishing a book.
I would very much like to hear from architects, landscape architects, planners who feel there is need for change and improvement, and can offer suggestions as to what can be done. Opinions on all aspects are invited, such as: strategic planning; detailed planning; integration with other transport modes; integration with rural and urban environments; design standards generally and of structures, junctions

and signs in particular; quality of artistic design; landscaping; roadside service areas; safety; maintenance, and anything else of relevance. Information from anyone with experience of Continental practice would also be most welcome.
While it is people and politicians with an interest in the subject for whom the publication is primarily intended, many will be laymen without detailed technical knowledge. It would therefore be helpful if contributions could be written concisely and without too much technical detail while still retaining essential facts. Contributors will be duly accredited in the publication but confidentiality will be respected if requested.
Please write, as something ought to be done to raise the dreadful standards prevailing in this country.
Peter Phillips
PO Box 42
Reigate
Surrey RH2 8YW

Where's the Equator?

From Anthony Worsley
I SUGGEST that whoever wrote your blurb for the BLAT/BD competition checks on the location of the Equator. "If you want to escape from the British winter for a holiday with a construction flavour in the Oriental summer" then do not enter this competition. January 1987 will be in the middle of the Oriental winter, which can be a very dank, miserable affair with cloud levels lower than the top of the Hongkong & Shanghai Bank.
A Worsley
Whitehaven
Cumbria

Before and after . . .

From J G Cornell, director of planning and architecture, Stoke-on-Trent
THE comments contained in your June 6 issue relative to the views of the Georgian Group were, I fear, particularly unfortunate.
They totally misrepresent the magnificent work that has been undertaken to both Etruria Hall and the surrounding landscape, to the delight of many thousands of people who have already visited the Stoke National Garden Festival.
For the record, contrary to the allegations made in your article, there has been no use of off-the-peg joinery, no use of upvc windows and the roof tiles

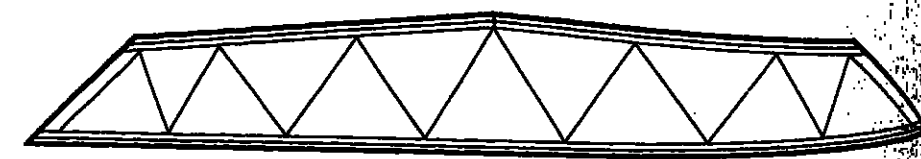
remain untouched and did not form a part of the contract.
The before-and-after photographs, I would suggest, speak for themselves. It is a reality that only limited financial resources have been available. Notwithstanding this, and considering the unfortunate mixture of architectural styles which existed, the works carried out have improved the proportions and appearance of the building beyond recognition. They have not attempted to represent a full restoration; however, this need not necessarily be ruled out at some future date.
I would urge your readers to visit the Stoke National Garden Festival to make their own professional judgment and I guarantee they will not be disappointed!
J G Cornell
Stoke-on-Trent



Flat. Or fizzy?

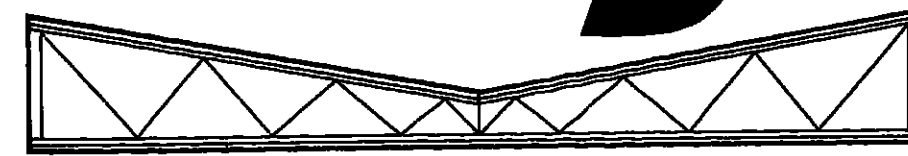
When you think of Metsec, you quite probably think of flat roofs.

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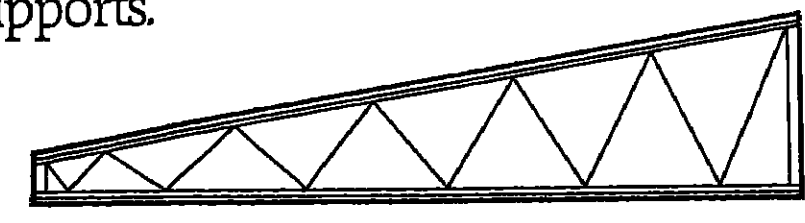
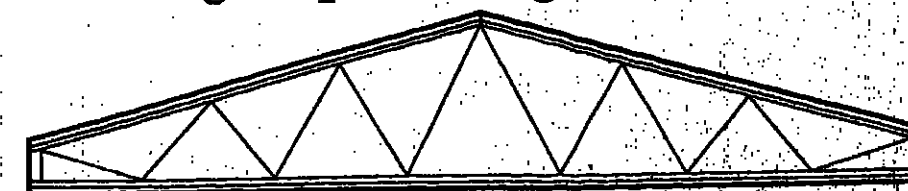
But say you're specifying for a roof with a bit more fizz. A bit more pzazz. A little different, perhaps.

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If you'd like to know more, contact Metsec at the address below.

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News in pictures

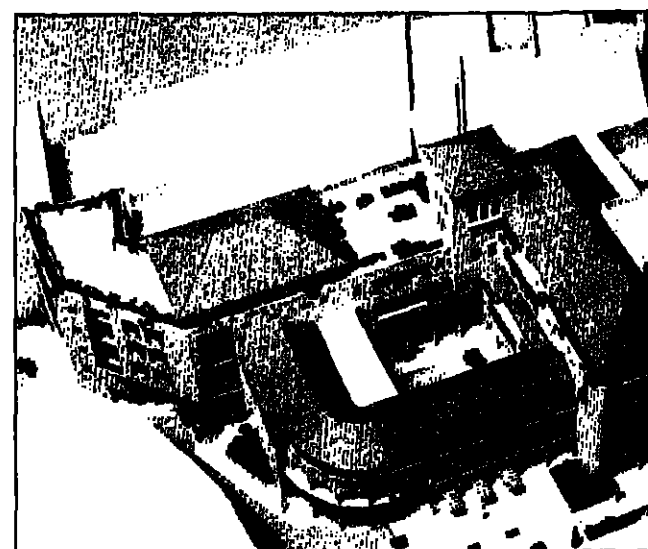
Woodrow solid on the Rock

Taylor Woodrow has won an international design competition for a derelict site in the commercial centre of Gibraltar. The latest success adds further to a multi-million programme of work the major contractor has secured in recent months on the island.

The company's in-house architects' scheme for the Old Command Education Centre was chosen by the sponsor, the government, in preference to three other invited submissions.

It proposes creating a "Covent Garden" style development of shops, homes and offices arranged in a courtyard around a landscaped piazza. There will also be an adjoining craft market in the 24 million scheme, which is due to go on site in November for completion by April 1988.

The contractor recently won £5.5 million worth of work from the



Property Services Agency to refurbish a NATO communications centre inside the Rock. It also just finished building a 1,400sq m speculative office development. And last December it triumphed in another international design competition, for developing part of the Old



War memories

A Lambeth bomb site, derelict since the Second World War, has been developed by the Solon (Lambeth) Housing Association.

Six one-bedroom flats for the elderly, designed by a group's architects, have been built at a cost of £189,000. Funding came from the Housing Corporation via grant for soft landscaping from Lambeth Inner City Partnership.

New look for the City

Below: This is the view of City life, past Big Bang, as seen at the new Morgan Guaranty dealing room designed by the Thomas Saunders Partnership.

The units for the £1.5 million refurbishment were produced by Ashby & Horner and designed by Roberts Weaver.

Ashby & Horner has worked on more than 20 dealing rooms, including 12 as main contractor, and has put on an exhibition of dealing room equipment and services at its London headquarters. Demonstrations can be arranged, tel: 01-377 0266.



Historic setting

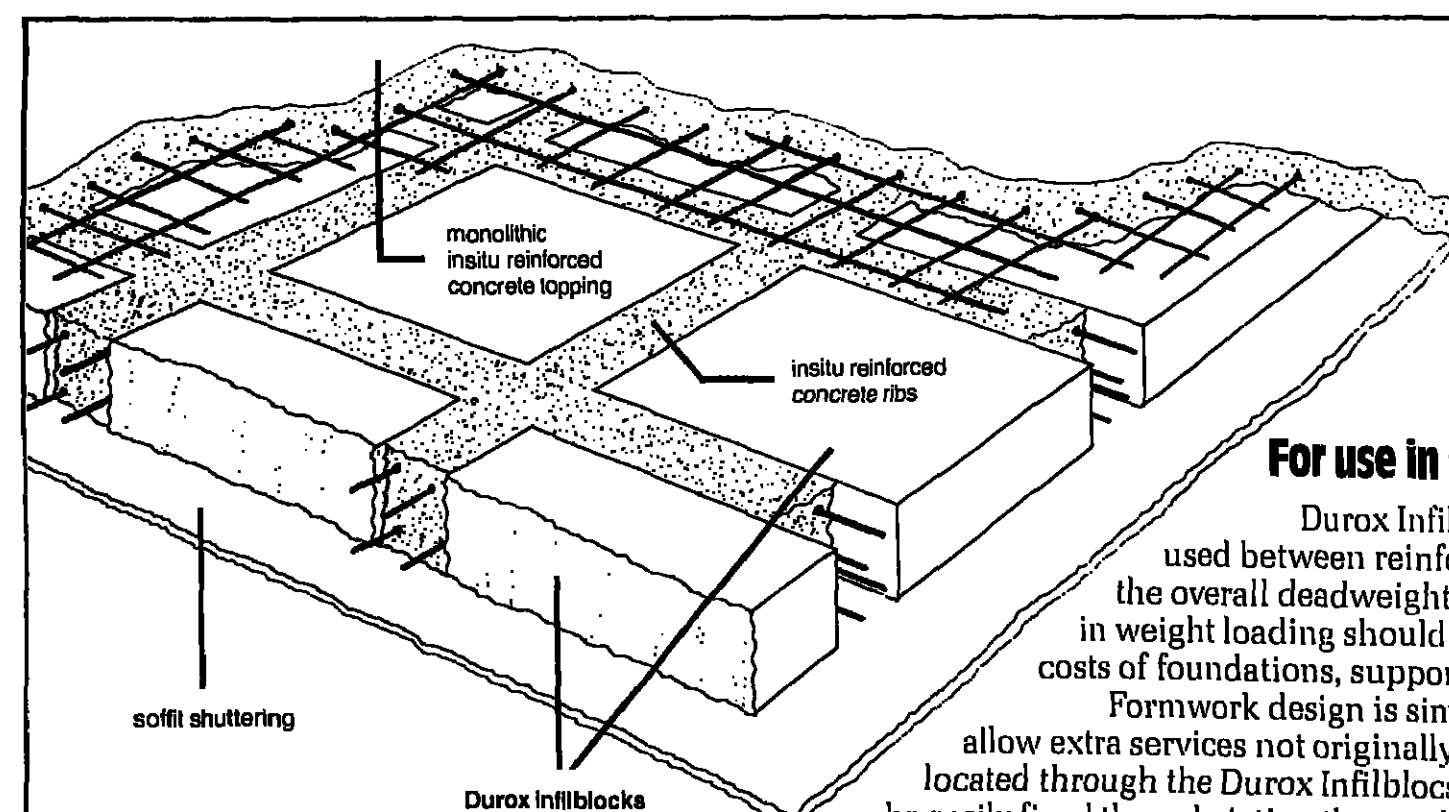
"Cape Stennel external cladding is used on a Modulux systems building erected at St John's College in the heart of the university town of Cambridge. This advanced cladding system blends highly effectively with the traditional Portland stone buildings alongside this new Modulux building, which houses seminars and meetings at the famous college."



On the right tracks

Kendrick Associates of Oxford have begun on site at Great Western Court, Hereford, with a £650,000 sheltered housing scheme for the Railway Housing Association.

The complex consists of 22 two-person flats, seven single-person flats, a disabled unit, wardens' accommodation and communal facilities arranged off double-banked corridors in a straight two-storey block. The project is scheduled to finish mid-1987. Main contractor is Wheatstone & Plant.



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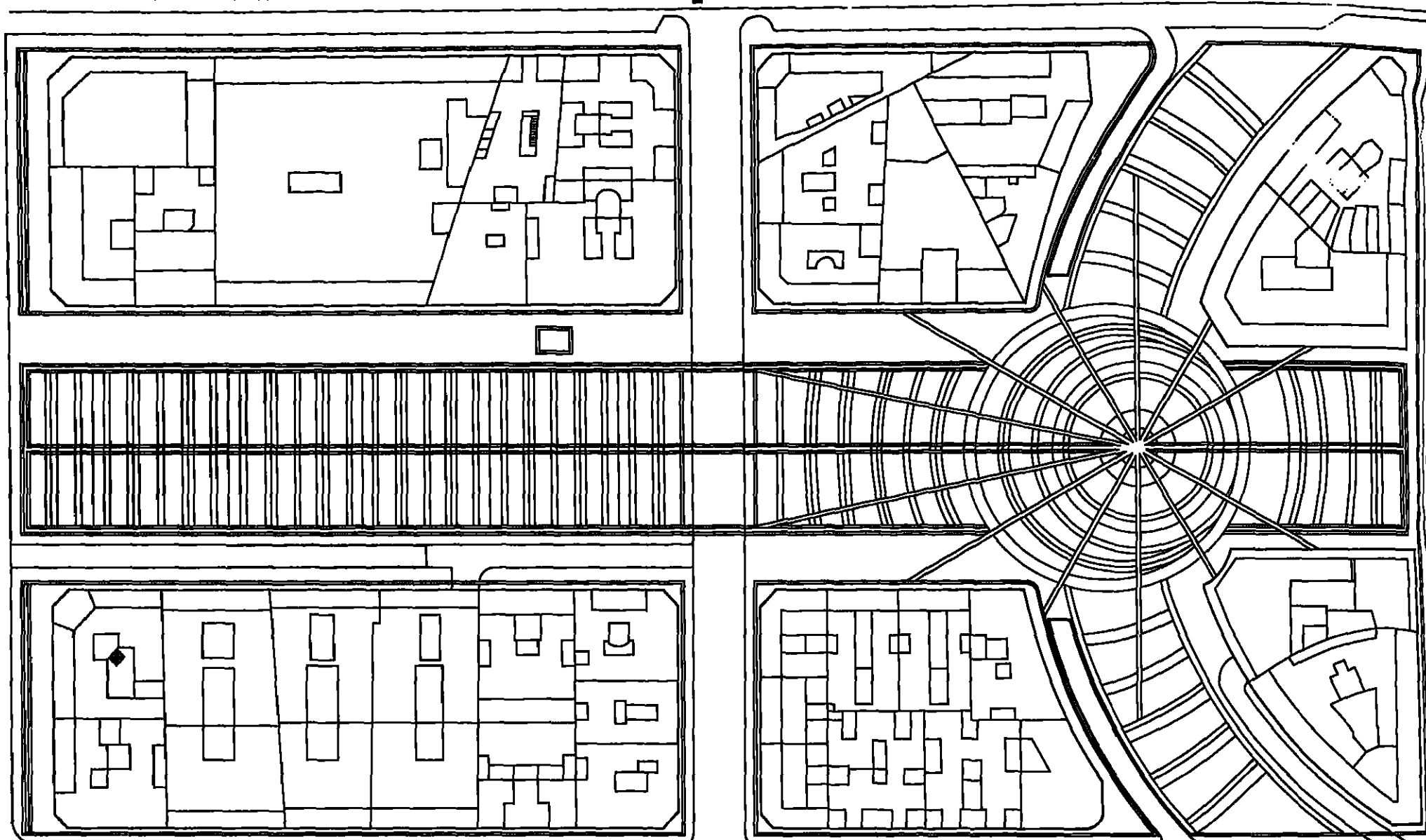
co-ordinated to create a semi-open plan. The need for visual privacy, sound separation and storage space near the utiliser is resolved with floor to ceiling storage-partitions dividing the space without losing any of the advantages of an open plan layout.

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Detailed specifications and general information on other Tecno products will be sent on request.



Perspective



Plan of Plaza de Salvador Dali. Dragados y Construcciones have built the £900,000 scheme.

THE Salvador Dalí square in Madrid is due for completion this week — just a year after the artist put his signature to a preliminary set of drawings.

The great surrealist painter and draftsman offered the late mayor of Madrid, Enrique Tierno Galván, plans for a "plaza" which would be both a homage to Man's achievements in science and architecture, and a place for residents of the Barrio de Salamanca to relax.

In the south east of Madrid, at the intersection of Avenida de Felipe II and Antonia Merce, the local residents are watching the progress of the Plaza de Salvador Dalí. The site was chosen by Dalí for its long perspective. "His artistic conception of the development of the area involved selecting a site which would afford an immensely long vista of the monument which will adorn the plaza," Jesus Jimenez Canas, Madrid council planning specialist, told me. (He visited Dalí several times at his home, "Torre Galatea", to discuss the project.)

In fact Dalí, now 82 and frail, chose the site from his chair in "Torre Galatea" where he watched videos of Madrid, showing traffic flow and environmental conditions of the city.

One of these revealed the location which would provide the distance necessary for appreciating the immensity of the megalithic monument he planned for the plaza.

The project covers a rectangular area of 250m x 50m, stretching from the Calle Narvaz to the Calle de Lombia and incorporating 200m of Felipe II. It provides paved pedestrian access to the 50m diameter circular plaza in Antonia Merce. Two service roads run on either side of Felipe II. As these are intended to provide vehicle access to the residential apartments and shops which line the street, they are paved with a coarse, hard-wearing stone.

The remaining area is paved with a light grey granite. Traced on the granite in black stone are concentric circles, dissected by radii emanating from the base of

the bronze figure which stands in the plaza. These circles and lines are an integral part of the design.

As the circles become more distant from their centre, which is the monument, their density decreases — like the ripples caused by a pebble thrown into water. The petrified ripples expand, gradually lose their curve and finally become straight lines. They cover the length and breadth of the plaza and walkway.

The focal point of the plaza is a monument which comprises two separate and contrasting elements. The first is a megalithic dolmen, or prehistoric burial chamber, consisting of three 100 tonne megaliths topped by a 136 tonne capstone. The upright stones are being specially cut from the grey granite quarry of Villacastin, in the Sierra de Guadarrama, north west of Madrid. The capstone is a natural rock which will be brought down from its present location in the Sierra de la Cabrera and will process through the streets of Madrid to its new home, attended by great pomp and ceremony.

Before it is moved to the site of the plaza, however, the rock has to be examined for faults which might cause it to crack during removal and installation. The contractors plan to use cranes or hydraulic jacks to raise the stone into position. Cleaning of the capstone may be necessary to ensure that its appearance matches that of the newly cut megaliths beneath.

The second part of the monument is a bronze sculpture, based on a design from Dalí's painting "Fosfo de Laporte" (1932, oil on canvas). It was conceived as a surrealist representation of Sir Isaac Newton and an almost identical replica can be seen in the Dalí museum in Figueras.

Newton's naked body is standing upright, on a cube of polished black stone imported from Portugal. Both his arms are fully stretched to the right. A sphere, attached to a cable in his right hand, falls parallel to his body and a second sphere, parallel to the first, hangs in the centre of his exposed thorax.

Dalí's square



Bronze sculpture of Newton, based on Dalí's "Fosfo de Laporte". Right: Salvador Dalí.



Capstone in Sierra de la Cabrera — another feature of the square.

The cable supporting the second sphere originates in the cavity of the skull, the upper half of which is pierced with small holes. Both spheres are made of the same black stone as the pedestal and they symbolise Newton's theory of universal gravitation.

The gaping thorax, through which the second sphere is seen, is a recurring phenomenon in Dalí's work and is particularly reminiscent of "The Weaning of Furniture-nutrition" (1934, oil on canvas).

The 3.8m bronze sculpture stands 6m in front of the dolmen

on a cube. The sculpture, which is being made at the Eduardo Capa foundry, weighs 1,050kg; the dolmen towers above it. Each of the three upright stones stand 12.5m high, with an additional metre of the total height cemented underground.

The project architect, Joaquín Sánchez Morales, explained how the capstone is connected to the three supporting granite pillars: a small block of "neopreno" is placed in the centre of the top of each megalith to ensure that the capstone is evenly balanced, and the remaining gap between capstone and pillar is filled with mortar. Unlike Stonehenge, the stability of Dalí's dolmen relies upon man-made adhesive agents rather than upon the precise tailoring of pillar to capstone by means of a tenon and mortise.

The paradox of this ancient monument erected by modern means will lend the square a certain inimitable style. Although a Spanish plaza is by definition a place for people to meet, talk and pass the time in the open air, Dalí had different ideas on the matter. Speaking in general terms to Jimenez Canas, Dalí, in his inexorable quest for the paranormal, expressed a wish for the end result to bear the characteristics of a barren wilderness, so that it might remind the city dwellers of the vast plateau of Castilla surrounding the capital.

One way of achieving this is by effective use of lighting. The city council has chosen to illuminate the pedestrian area with 32 Holophane Module 600 quartz halogen street lights, each of which comprises four separate lamps: one powered by 400W and the other three by 175W each. This ensures that the strongest light is directed away from the neighbouring apartments and onto the paving stones of Felipe II.

The light cast by the 400W lamps is pure white and, therefore, does not distort the colour of the granite. The lighting capacity of these 5m high street lights is greatest between heights of 0.6m, thus leaving the area immediately above them in shadow.

The geometrical shape of the

lights contributes to the overall impression of austerity which Dalí originally envisaged for the project and creates a striking contrast with the dolmen. The latter will be illuminated by six 400W spotlights set in the ground giving the impression of an intense fire burning beneath the capstone.

Six 500W lamps affixed to the facades of the two buildings opposite will illuminate the bronze sculpture from a height of 15m. In order to throw the figure into relief, four lamps will shine from one side and two from the other.

There are no plans to include trees or flower beds in the square and the city council is undecided on the question of litter bins and seating facilities.

Like all Dalí's work, there are paradoxes: an ancient monument, the father figure of Science steeped in surrealist symbolism, and a powerful 20th century lighting system. It is an impressive showpiece, to be much photographed, sketched and admired, which doubtless backdrop to the every-day life of a residential area.

Also, engraved on the black stone pedestal, set in the middle of the simulated wasteland, there reads a touching inscription. It records a passionate personal relationship: Dalí's signature is inscribed on the top of the cube and, on each of the lateral faces, is engraved one letter from the name of his muse and companion, Gala. This unobtrusive celebration of love, set against the huge time scale represented by the monument, forms another poignant contrast.

Galán, the mayor, who Dalí delighted with his offer of a plaza, died in January. It was his successor, J. Barranco Cordero, who witnesses the opening of the square. Dalí is said to see the inauguration ceremony only on video because of poor health.

But speculation on the realist symbolism of the sculpture is bound to draw artists, hispanists, art historians and tourists to the plaza where they will pay their homage to the great master of contemporary Spanish art.

Scorpio



Runners line up in race for presidency

NEWS that Ray Cecil is definitely standing for the RIBA presidency has given impetus to a campaign which now looks wide open. The champion of practices and defender of the architect against penal liability legislation will doubtless attract substantial practice support.

But will Cecil's candidacy deter others from joining in the fray? Unlikely, it would appear. Here are Scorpio's predicted runners (revised version) to take over when Larry Rolland hangs up his medal and chain this time next year.

Former GLC mandarin now teamed up with Watkins Gray International, Peter Jones, who polled a creditable 30 per cent (or thereabouts) last time, is a favoured candidate of the institute's own mandarins. Jones now has the advantage of having served some time on council.

Alan Groves is believed to be prepared to have another go, despite being a two-time loser. He might be regarded as the only real candidate from the public sector now Jones has switched horses.

Raymond Andrews has had strong support from the regions in the past, and his soundings are unlikely to do anything other than persuade him that he has a chance.

Outsider Andrew Derbyshire is still uncommitted to running (at the time of writing), the loss of partner Hugh Morris may be an inhibiting factor. On the other hand knighthood will have raised his profile — and he is an architect's architect.

And of course David Rock, top of the recent council elections, must be seriously considering his chances.

Boycott of CES Awards?

FRED Roche was not the only RIBA VIP not to put in an appearance at the presentation of the Community Enterprise Awards (20 June 13). What began to look like an unofficial boycott was suspected following the non-appearance of honorary officers Michael Manser, Nicholas Brill and Douglas Stephen as well.

The only one who did turn up was presidential hopeful Peter Jones.

More observant guests will have noted that Prince Charles' almost-severed finger put in an appearance for the first time since his gardening accident of three months' ago. All bandages were discarded for the event.

Paddy Doherty, once a carpenter and Wimpey foreman, collected his prize for the Derry Inner City project with great aplomb from the Prince. In his home town of Londonderry he is known as a staunch Republican and rejoices in the nicknames "Paddy Bogside" and "King of the Bog".

One of his sons is in jail for membership of an illegal organisation, and a son-in-law was shot dead by the Provos last year for being an alleged informer.

What did he make of shaking hands with the heir to the British — and Northern Irish — throne? "I had no problem. My line is as long as his line. The O'Dohertys were the last family who with a chieftain at their head fought the

British," he pronounced.

He ended a spontaneous speech from the pulpit of the Jarvis Hall with the immortal words: "We'll rehabilitate the buildings. You'd better rehabilitate the profession!" It almost brought the house down.

Scene and heard

DAVID Llewellyn, whose construction firm is rebuilding the Grand Hotel in Brighton at a cost of some £12 million, is taking the press on a grand tour today in his new role as president of the Chartered Institute of Building. It is expected to be reopened in August.

The more sober members of his luncheon party might pick up the fact that the room where the IRA bomb exploded during the Tory Party conference in 1984 no longer exists. Room 629 has been numbered — officially because there are now fewer rooms in the hotel.

Where the Prime Minister narrowly escaped death has been renamed the "Presidential Suite".

● SUCH is G Ware Travelstead's confidence in Canary Wharf going ahead that full-page advertisements have started to appear in the national newspapers.

They suggest that it is time to stop paying for the most expensive office rents in the world — in the City of London — and become your own landlord. Canary Wharf promises total occupancy costs "around half those of the Square Mile".

It is rather optimistic to suggest, however, that many will latch on to "no rates until April 1992". Unless, of course, they can also "do a Broadgate" and get everything designed and up in a couple of years.

● ADVANCES in bridge technology grow apace. Leeds-based Rotaflex inform me that they are producing "enough fibre optics to stretch round the world more than three times to light the world's first fibre-optic bridge".

The scene of this amazing feat is Atlantic City, on America's east coast, where Resorts International is building one of the world's largest leisure complexes. The 40m bridge will link an hotel and casino to a seaside pier.

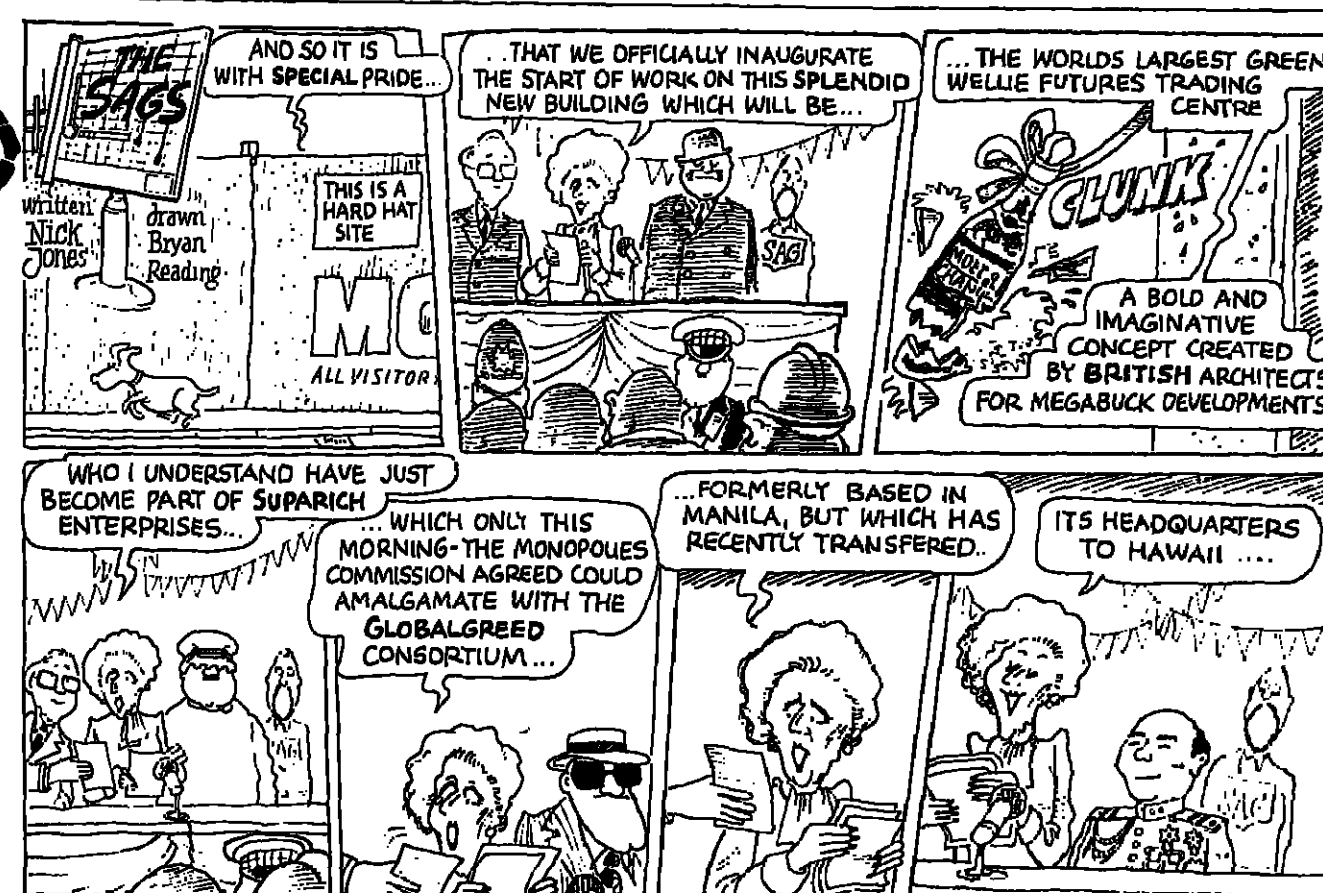
10 years ago

THE spectre of massive cuts in the housing programme at Northampton New Town has revived the danger of corresponding redundancies among development corporation design staff.

Reports in the local press claim there is a threat of a 50 to 60 per cent cut in architectural and technical staff.

Building Design, June 25, 1976.

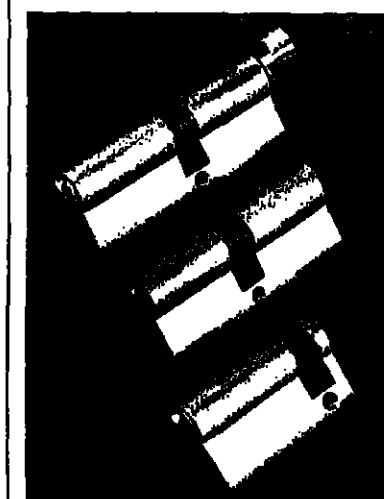
Statistics



Yale's massive investment aims to raise UK security levels.

Yale's recent investment in new high technology manufacturing facilities at their Willenhall, West Midlands plant allows the company to expand its manufacturing facilities for its wide range of high security Profile Cylinders.

This is to enable Yale to meet the dramatic increase in demand for Profile Cylinder mortice locks to cope with today's need for higher levels of security and to suit changing patterns of door construction and materials. Yale Profile Cylinders are produced in three types, single keyway, double keyway and keyway with thumbturn. There is a variety of sizes to suit virtually all types of door including aluminium and uPVC.



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- ★ Upright sashlocks conform to BS 5872/80 (covering lock dimensions) so are ideally suited to



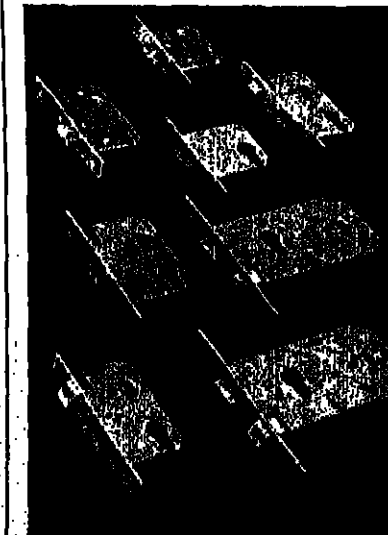
Yale's new Profile Cylinder production centre with 14-station rotary transfer machine

- upgrading/re-furbishing applications as minimal joinery work is required
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- ★ Suitable for commercial, industrial or domestic applications.

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dimensions) so they are particularly suitable for refurbishment projects as they will replace most post-1957 British 2, 3 and 5 lever locks with a minimum of joinery work.



The 3 lever mechanism provides 150 differs and 2 keys are supplied. Rectangular or rounded forends are available in a choice of brass or stainless steel and solid deadbolts incorporate hacksaw resistant hardened steel rollers.

For further information about these important developments in security simply use the Reader Reply Service or contact Yale direct at the address below.

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Yale Security Products Limited, Wood Street, Willenhall, West Midlands WV11 1LA. Telephone: (0902) 66911. Telex: 338251. Fax: 338251. Yale is a registered trademark.

Scovill

Legal

Implying terms in building contracts

Stanley Hugh Leach v The London Borough of Merton (Chancery Division of the High Court, December 1985)

This case involved an appeal from an arbitrator to Mr Justice Vinelott in the Chancery Division of the High Court and arose out of a JCT 63 (July 1971 Revision) Standard Form of Building Contract for the provision of 287 new dwellings at Mitchum to be constructed by Leach on behalf of Merton.

The arbitrator decided a number of preliminary issues raised by the parties and an appeal was brought from his decision on certain of those preliminary issues.

To say that the case itself was complex in nature would be an understatement. The plead-

ings alone in this case ran to some 7,000 pages.

The contractor agreed to complete the construction of the dwellings for the sum of £2,265,000 within 33 months of the date of possession.

This is of considerable interest in relation to many of the contentious clauses in the JCT 63 contract, including the notice provisions for extensions of time and the application provisions for reimbursement of loss and expense.

The importance of the contractor's programme

For some of the issues the contractor's programme, submitted some time after commencement of work, was of considerable importance. It comprised 54 activities and showed a final completion date considerably in advance of the contractual completion date, producing what Leach claimed to be a float period to allow for delays. In relation to each activity there was a bar indicating the period during which the activity would take place.

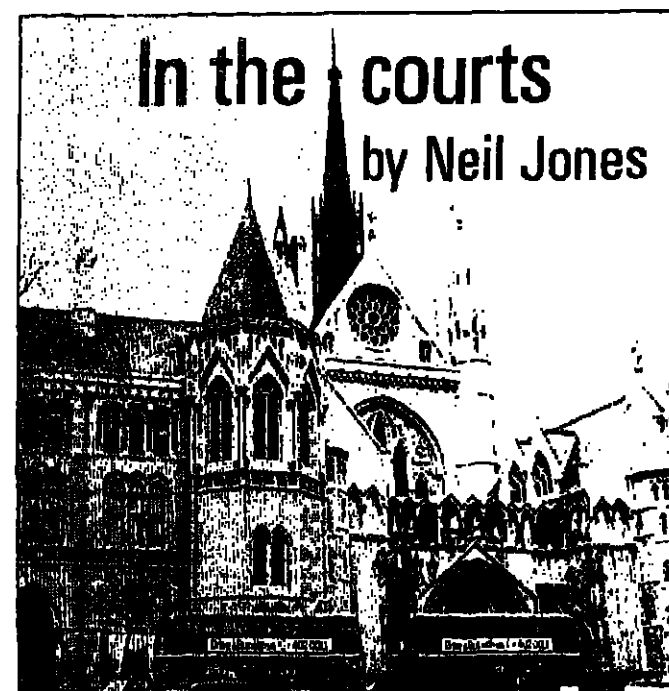
Of considerable importance was the fact that opposite each activity there were to be found a number of conventional signs indicating the date on which drawings and other information was required by Leach. A very

important issue was whether or not this programme amounted to a request by Leach to the architect for the supply of drawings or other information at the times indicated by these signs.

This is, of course, significant in relation to both the extension of time and loss and expense provisions in the contract where delay in completion or disruption of material progress respectively, due to the late supply of drawings information etc by the architect, can be the basis of an entitlement to an extension of time or to reimbursement of loss and expense incurred.

In addition, Leach claimed that there was an implied term in the contract that Merton would not hinder them from carrying out their obligations under the contract and would take all steps reasonably necessary to enable them to discharge their obligations.

In considering the question of the implication of terms into the contract the judge made some interesting statements concerning the role of the architect and the ability of an arbitrator or the courts to review and open up his decisions certificates etc (note *Northern Regional Health Authority v Crouch*). The judge



said it was clear that where the architect exercised discretionary powers the exercise of that discretion could be reviewed by the arbitrator who to that extent stood in the shoes of the architect. However, to the extent that the architect acted as agent or servant of the building owner in discharging the obligations imposed upon the building owner by the contract, the architect's acts were not the subject of review by the arbitrator though they could found a claim for damages for breach of contract by the building owner, the extent of which would fall to be determined by the arbitrator.

In other words, where the architect is simply acting as agent of the client, eg in issuing variation instructions or in providing drawings and details at the appropriate time, such activities were not capable of review as such by an arbitrator. For instance, the arbitrator could not decide that the employer should have required a variation instruction to be issued.

Turning back to the question of whether or not there was an implied term that Merton would not hinder or prevent Leach from carrying out their obligations in accordance with the terms of the contract or in their execution of work in a regular and orderly manner, eg by the late provision of drawings or information, the judge upheld the arbitrator's decision that these terms ought to be implied. The judge quoted from the speech of Lord Blackburn in *MacKay v Dick* (1881):

"Where in a written contract it appears that both parties have agreed that something should be done which cannot effectively be done unless both concur in doing it, the construction of the contract is that each agrees to do all that is necessary to be done on his part for the carrying out of that thing though there may be no express words to that effect."

The judge held that this implied undertaking by the building owner extended to those things which the architect must do to enable the contractor to carry out the work and that the building owner was liable for any breach of this duty on the part of the architect.

The judge further held that there was an implied term in the contract that the architect would provide the contractor with full, correct and co-ordinated information concerning the works and that this term was to be implied apart from the express obligations imposed in clause 3(4) requiring the architect to furnish the contractor with drawings and details as and when necessary.

Practice and procedure on the issue of drawings

Next, the judge turned to the question of the time for the provision of instructions, drawings, details etc to be provided by the architect. Leach claimed that there was an implied term to the effect that these would be issued in due time to enable Leach to carry out and complete the works in a regular and orderly manner and in accordance with their programme and/or in accordance with their obligations under the contract. Further, that any variations would be issued in such time as

would enable the contractor to carry out and complete the work in a regular and orderly manner and in accordance with this programme and/or in accordance with their obligations under the contract.

The arbitrator had rejected these as implied terms on the basis that they were repetitive of the express provisions in the contract (but note that in relation to the provision of information etc, the contract requires the architect to provide it to the contractor at a time appropriate for the contractor to comply with his contractual obligations, eg to complete by the contractual completion date, not necessarily to enable him to complete within his programmed time for completion).

Leach did not appeal from this part of the arbitrator's decision and while it may therefore as a matter of law be open the question of whether or not information must be provided in relation to the contractor's programmed completion rather than the contractual completion date, it is submitted that it is the latter date which is of significance unless perhaps the parties have been unwise enough to give the programme contractual status, whether in relation to the final completion date or the completion date for activities shown on the programme, in which case clause 23 and others should be amended.

Leach argued that there were implied terms in the contract that the architect would administer the contract in an efficient and proper manner, and in accordance with the practice and procedure normally followed by architects, and that accordingly there were implied terms that:

- (a) the issue of every drawing should be accurately recorded by means of an architect's instruction or some other similar procedure;
- (b) every drawing issued would have a unique reference;
- (c) where an amended drawing was issued a note of the amendment should be made in the note box on the drawing.

While the judge held that generally there was an implied obligation on the architect to administer the contract in an efficient and proper manner, he declined to deal in detail with how that efficient administration should be put into operation in relation to the issue of drawings.

Can the programme be a request for information under Clause 23 and 24?

The very important question was raised as to whether the programme was a specific application for instructions, drawings, details or levels within the meaning of clause 23 (extensions of time) and 24(1)(b) (loss and expense). The judge specifically refers to the timing of the contractor's application for information etc, stating that the contractor must specifically apply in writing on a date which, having regard to the contractual completion date, is neither too far away from nor too close to the date on which it was necessary for him to receive it. Note: it is the date of completion which is referred to.

It was common ground that Leach's programme was sufficient to meet the requirement that the application had to be in writing. Two further questions were firstly, whether it was capable of being treated as a document whereby Leach specifically applied for drawings and, secondly, if it was, whether Leach applied on a date (having regard to the contractual completion date) which was too distant from or too close to the date on which it was necessary for Leach to receive the information etc.

To be continued next week

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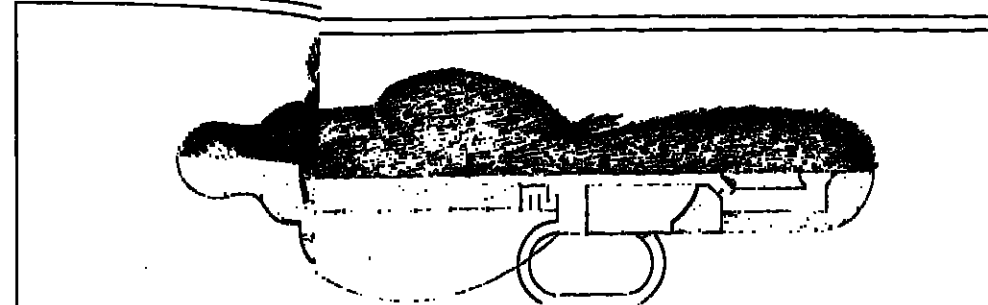
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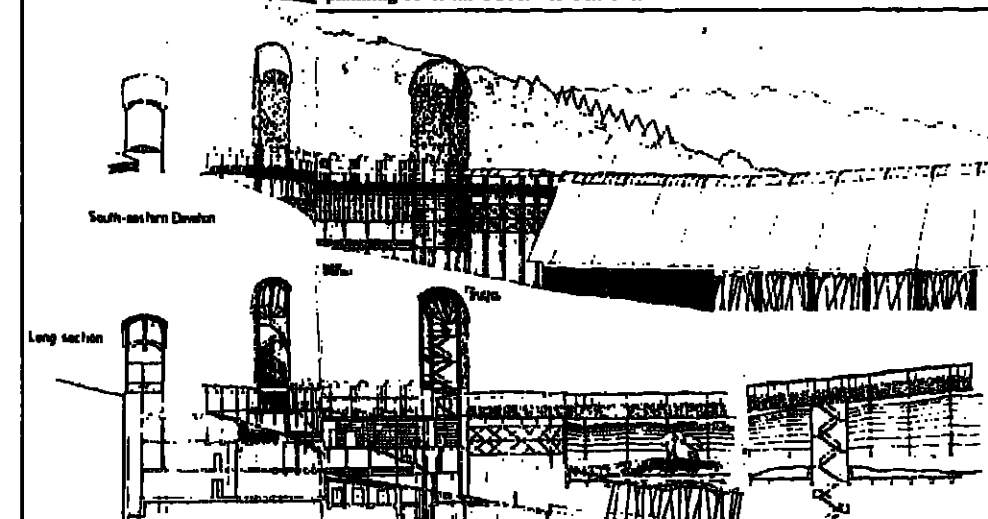
Animal house

DESIGNER HABITAT

Ian Latham on the results of the RIBA's International Student Competition set by Aldo van Eyck which go on show at the Royal Academy from today. Winners are pictured overleaf.

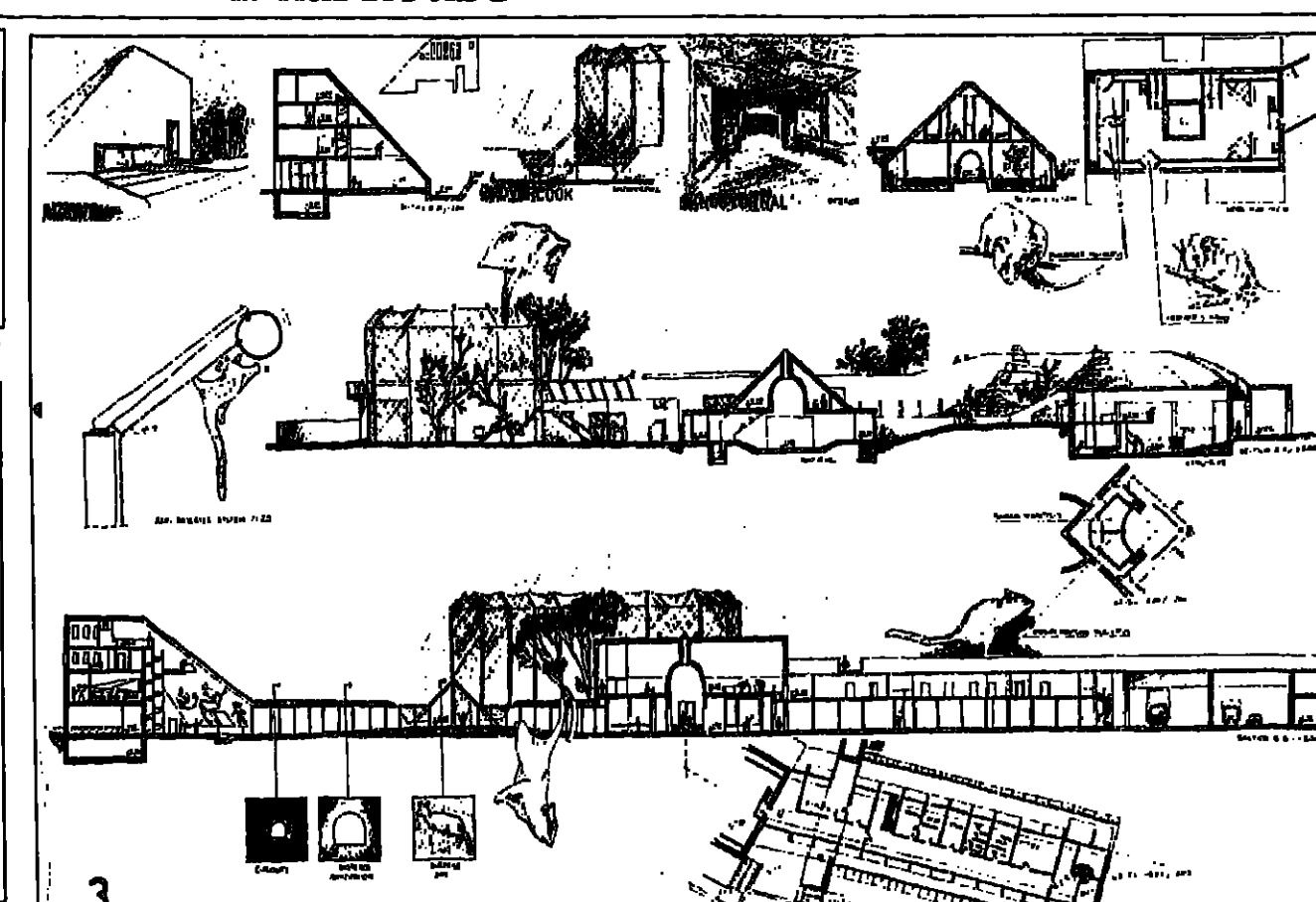


Fu Yin Chan, University of Hong Kong (mention): a duck-billed platypus? A workable solution, though perhaps the planning could have been more inventive.



Jonathan Adams, Architectural Association (mention): an inventive proposal for a site in the countryside near Kassel, West Germany. Set in a valley, the forms a low lying, discreet intervention, punctuated by observation towers.

Animal house



Pavel Spychala, Technical University of Wrocław, Poland (mention): very much a man-made habitat set in the park of Wrocław Zoo.

ALDO van Eyck must have been well pleased with the entries for the fourth RIBA international design competition for students.

Though not as numerous as those for last year's record response to the Hockney/Caro gallery — set and judged by James Stirling — the entries include a wide variety of responses to a testing brief, matching the worldwide distribution of their authors.

"A Last Resort" asked entrants to design an enclosure for marsupials and monotremes — and human observers and keepers — for their year-round containment, "taking full account of the specific characteristics, behaviour and habits of each species, whilst upholding

their wellbeing and dignity".

As a vehicle for van Eyck's thesis, the competition is intriguing. He argues for "decent, proper buildings — those which haven't got what they needn't have and belong to where they are put," and the brief carries a thinly disguised attack on Stirling's concerns: "It does not ask you to accommodate works of art and 'resolve' polarities like abstract/representational or modern/traditional which do not really exist in architecture... interest in the typology of buildings is not going to do the job for you — it's a dead alley."

In this respect the response is encouraging. There are few columns and capitals and few schemes that might be regarded as post-modern — few of the

"Rats, Pests and Pests" that Van Eyck attacked so vehemently in an epic four-hour lecture at the RIBA back in 1981.

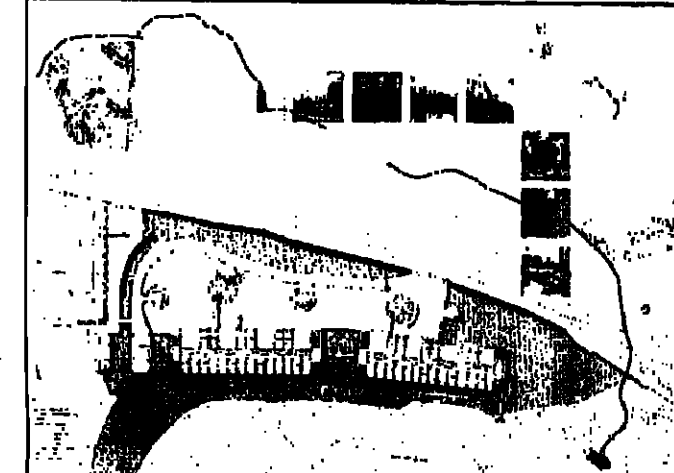
What there are, nonetheless, are a wide variety of inventive schemes, most intimately rooted in their chosen site. There are weak schemes, even among the "mentioned" category, so there must have been some disappointment with the overall standard, but the global spread of entries gives an intriguing glimpse of architectural concerns in schools around the world.

Just under half the schemes on show at the Royal Academy are from United Kingdom schools of architecture, with the rest coming from as far as Bulgaria, China and Columbia. Some, like in the Stirling competition, set out to flatter the

judge by borrowing themes and forms, a strategy van Eyck would no doubt warn against.

A few hint at his church in The Hague, some the orphanage in Amsterdam and others the circular sculpture pavilion, but most have picked up the spirit of honesty and economy that underlies the projects and indeed was implicit in the brief.

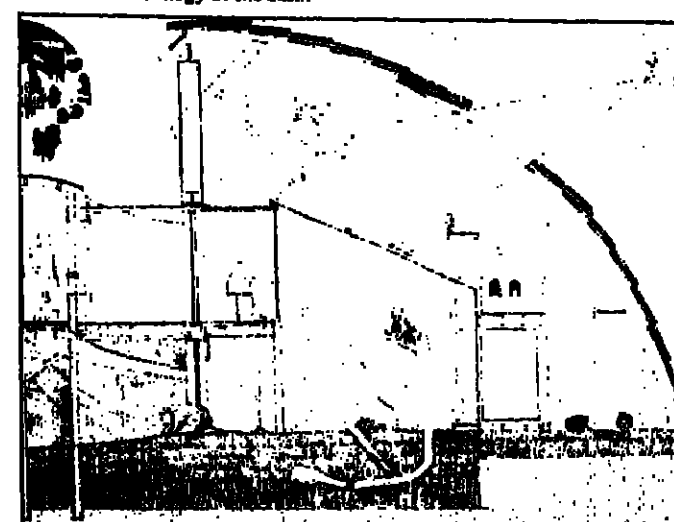
Van Eyck's joint assessor was Dick Hillenius, the prominent Dutch zoologist, essayist and poet (who has apparently had species of chameleon, frog and snake named after him — and is the godfather of a Dutch gorilla), with assistance from Hanne van Eyck, Julian Wickham (van Eyck's son-in-law), Rick Mather and Lucien Lafour.



Pankaj Patel, Polytechnic of the South Bank (mention): formed as an island between a goods depot, railway viaduct and gasworks on the Grand Union Canal in north London between Regent's Park and Victoria Park, this is one of the least likely sites on which to find a marsupial centre. It's proximity to London Zoo nevertheless validates the choice, and seen as part of a programme to develop the canal as a leisure and tourist facility, the scheme is one of the most exciting.



Susan Watson, University of Toronto (mention): a labyrinthine matrix as an architectural analogy of the bush.



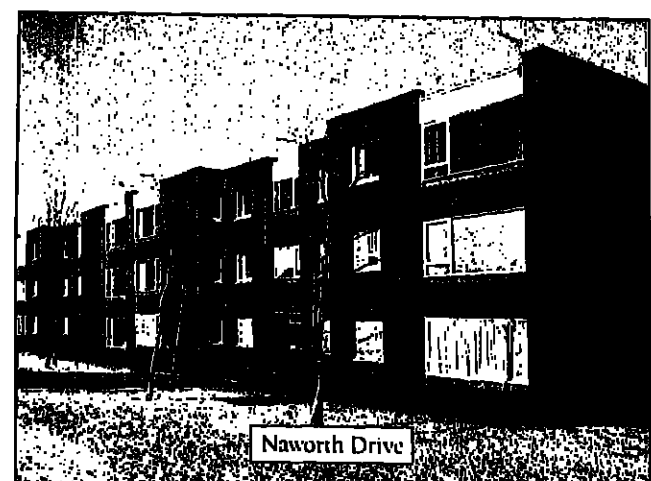
Suzanne Thurlow, Canterbury College of Art (mention): an informal, low-tech response to the brief, using a sectional arrangement that was common to many entries with an upper level observation deck that looks over an inner enclosed space on one side and an outdoor area on the other.

Like all Chairmen of Housing Committees, Councillor Hugh White had a limited budget.

Yet Newcastle City Council had to refurbish thousands of homes that had old and costly heating systems.

"Freezing flats, high fuel bills and severe condensation had created unbearable living conditions for our tenants, many of whom are elderly", Hugh White told us.

So Newcastle City Council approached North Eastern Electricity's Eric Coxall about the DEN 3 package.



Based on a new-style electric storage heating and water heating system, the DEN 3 package would be quick and economical to install. They wouldn't even have to rehouse the tenants while the work was carried out.

And since it makes the most of Economy 7 night time electricity — which is less than half price compared with today's standard domestic rate — it would also be economical to run.

But before they could convert the flats, they had to convert the tenants.

As Hugh White remembers, "There was a lot of scepticism about electric heating but we managed to prove its worth".

When Hugh White became involved with DEN 3, it wasn't only high-rise flats that were converted.



"We set up a show flat so the tenants could see the benefits of Economy 7 for themselves", Eric Coxall explained. "And attitudes gradually changed".

The rest, as they say, is history. To date, Newcastle's DEN 3 package has brought warmth and comfort to well over 3,000 households, virtually eliminating condensation and drastically cutting heating bills.

In fact now, many tenants are finding their total energy costs are working out to as little as £5 per week.

And at a cost of around £2,300 per flat using the DEN 3 package, Newcastle City Council feel this was money well spent.

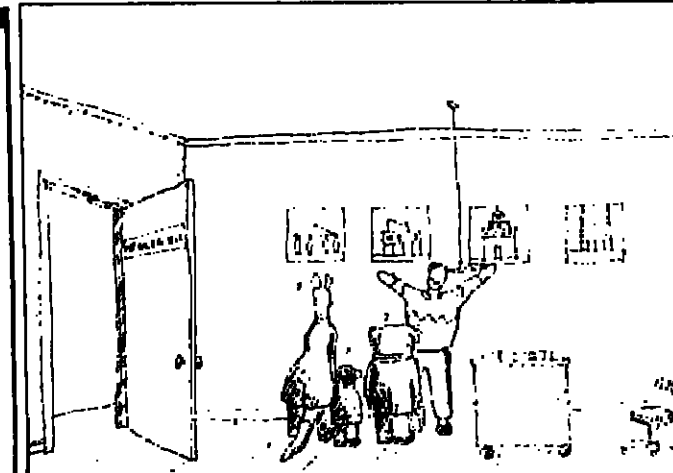
"DEN 3 is proving that electricity really can do the job", says Hugh White happily.

And the tenants' reaction? Eric Coxall tells us, "They're very happy. They've got well heated homes with affordable running costs — and who can argue with that?"

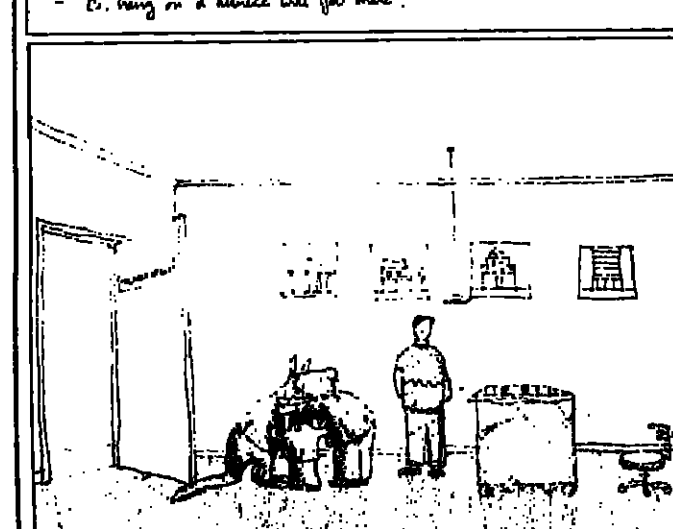
"We've had some nice thank you letters", adds Hugh White. "And you don't get those very often". His advice to other local authorities and housing associations with any similar problems was simple: "Come and see what we've done. Or better still, ask the tenants!"



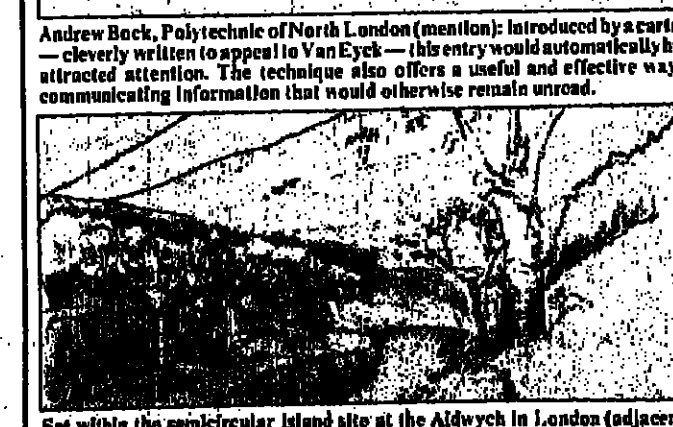
HEATELECTRIC
The Electricity Council, England and Wales
Energy for life



Andrew Beck, Polytechnic of North London (mention): introduced by a cartoon cleverly written to appeal to Van Eyck — his entry would automatically have attracted attention. The technique also offers a useful and effective way of communicating information that would otherwise remain unread.

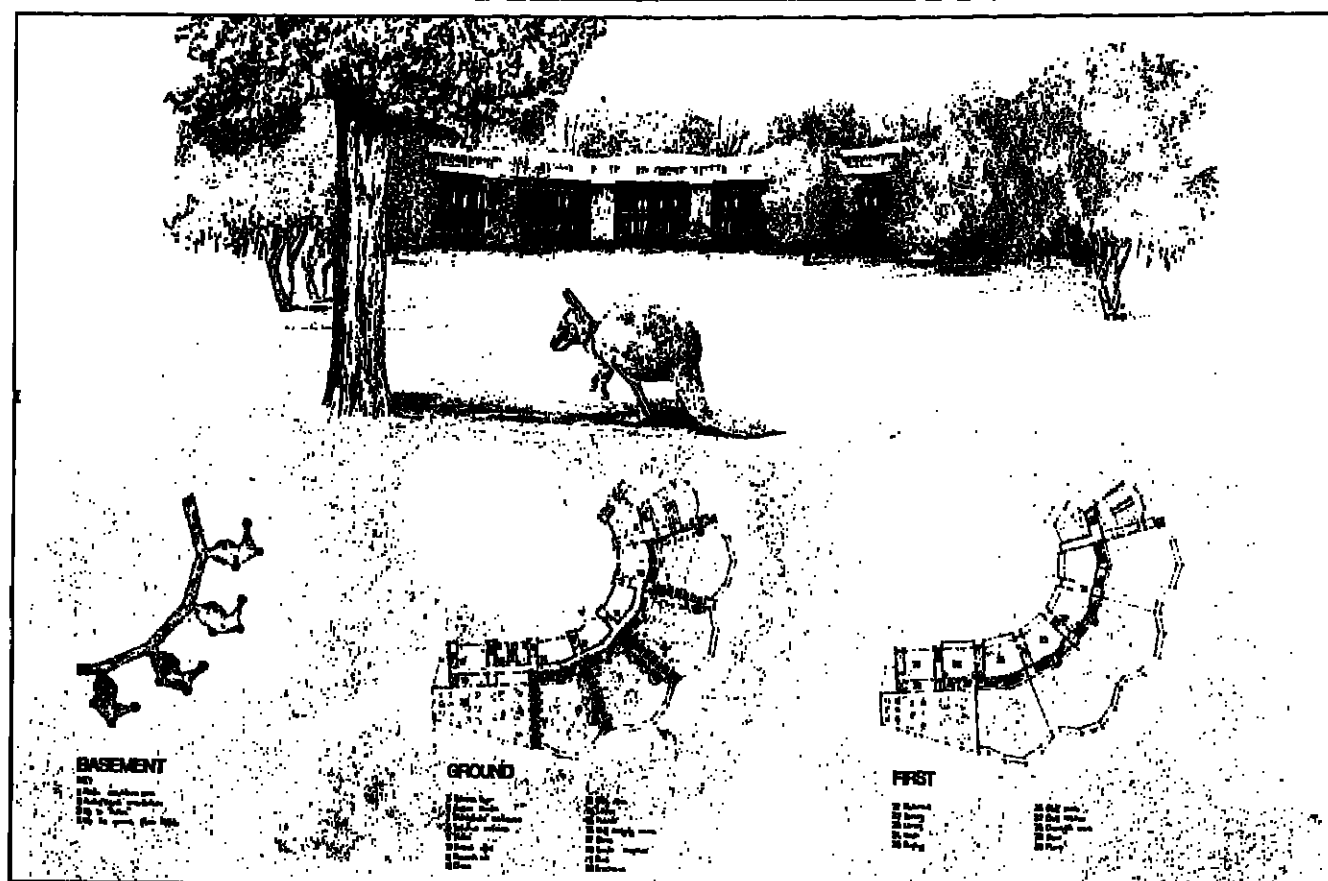


Set within the semicircular island site at the Aldwych in London (adjacent to Australia House and Bush House), Beck's scheme is arranged to form a natural dish with a lightweight roof within which a "natural" habitat is created. Few proposals suggested such urban situations but the potential conflict of natural and man-made habitats nevertheless suggests exciting possibilities further validated in this case by the proximity of the trade and consular buildings.

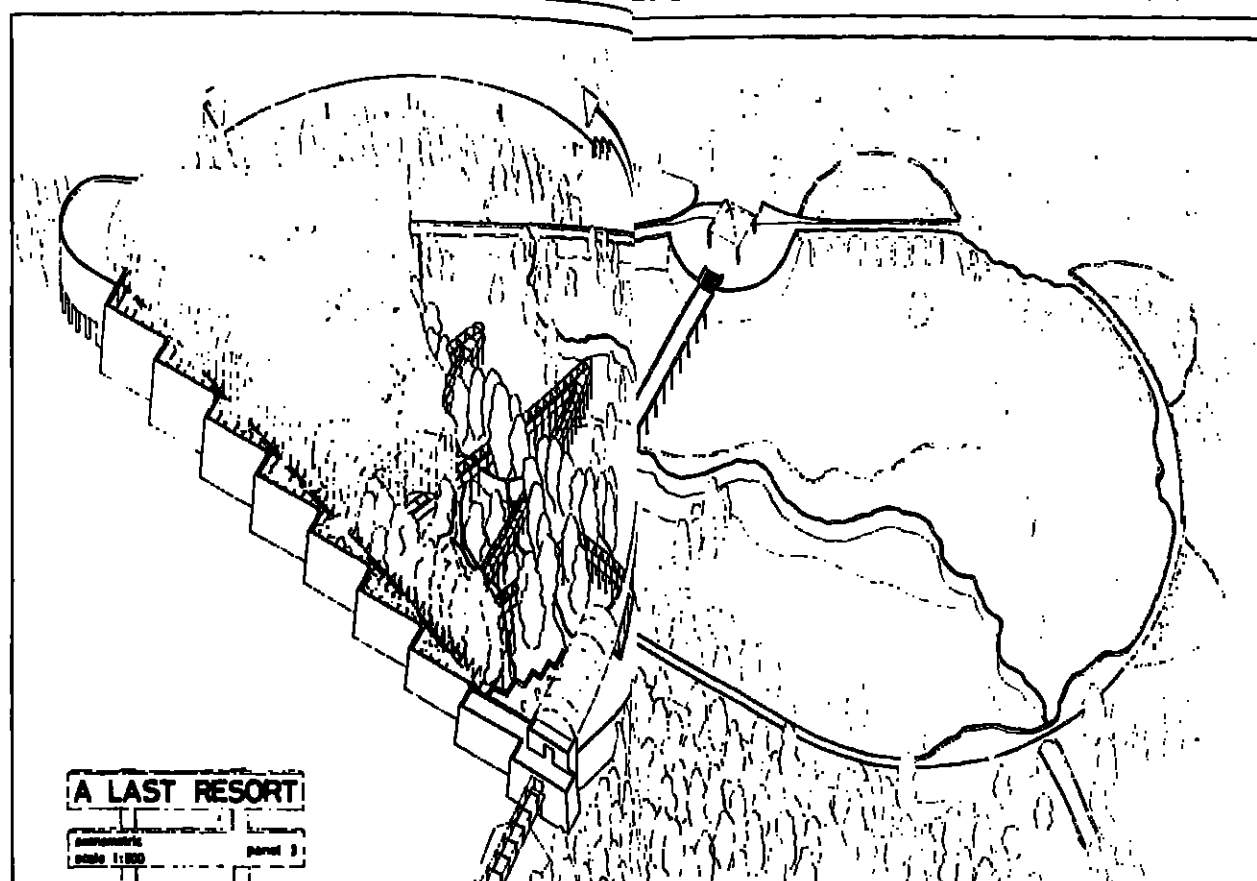


For more information on DEN 3 speak to your local Electricity Board contact below:
LONDON Cliff Hall, 01-242 9050; SOUTH EAST Iain Ramsey Brighton 724322; SOUTHERN Stuart Holmes, Littlewick Green 377111; NORTH EAST Colin Howarth, Newcastle 327520; YORKSHIRE Alf Allen, Leeds 892123; NORTH WEST Phil Elbow, 061-834 8161.
SOUTH WEST Chris Hogg, Bristol 266052; SOUTH WALES Bob Hockey, Cardiff 792111; EASTERN Ivor Pearson, 195 5011.
EAST MIDLANDS Jeff Carr, Nottingham 269711; MIDLANDS Eric Watt, 021-422 4000; MERSEYSIDE & NORTH WALES Malcolm Cooper, Chester 377111; NORTH EAST Colin Howarth, Newcastle 327520; YORKSHIRE Alf Allen, Leeds 892123; NORTH WEST Phil Elbow, 061-834 8161.

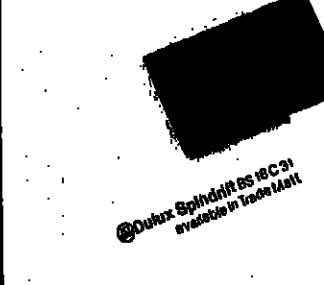
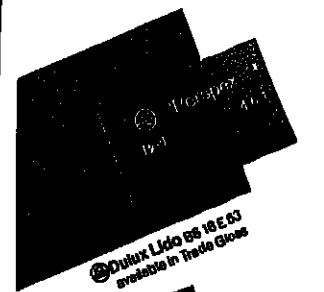
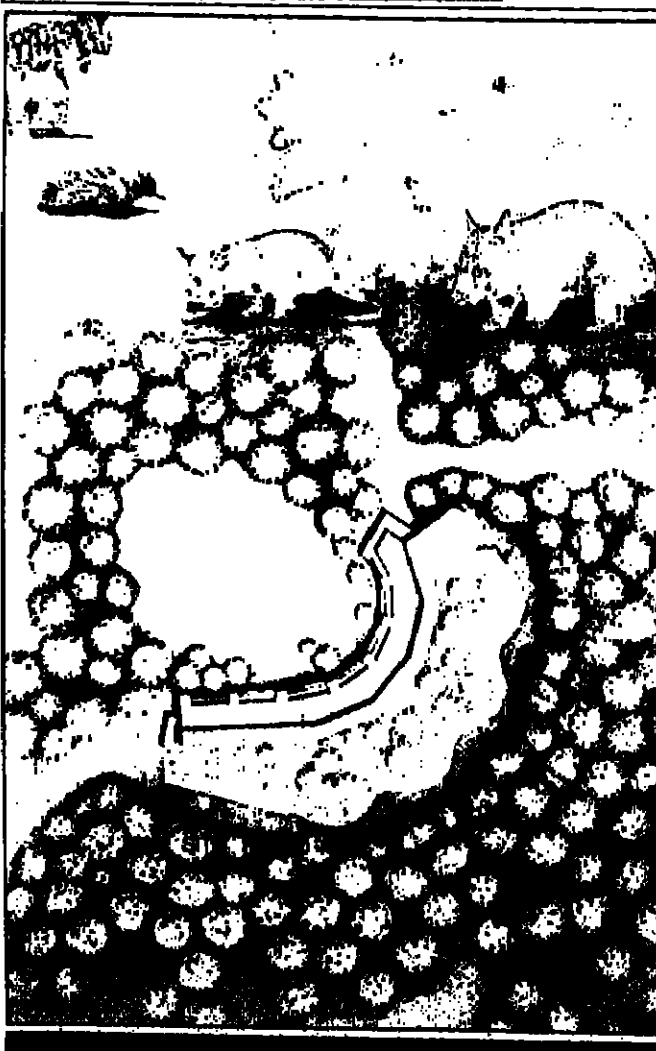
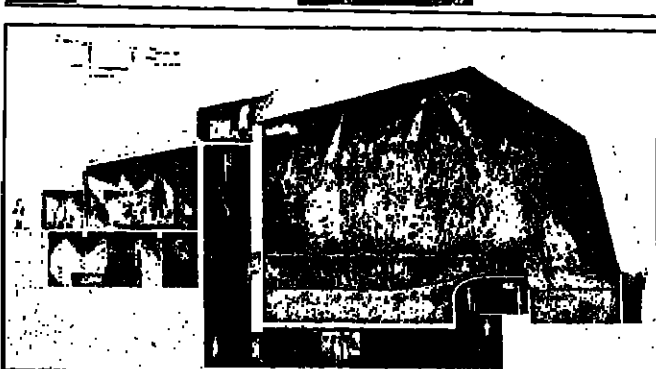
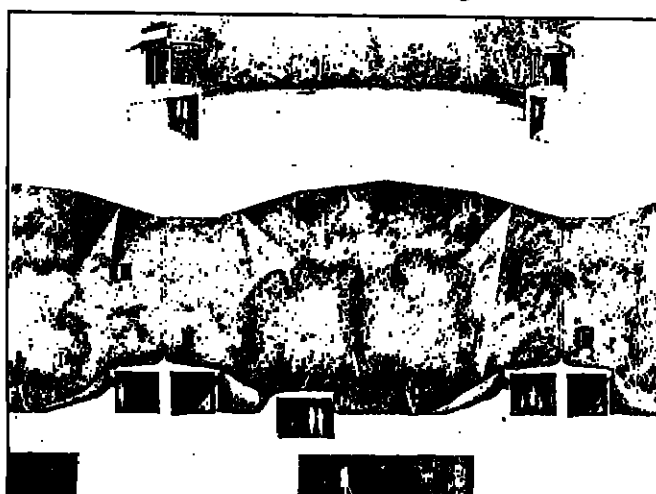
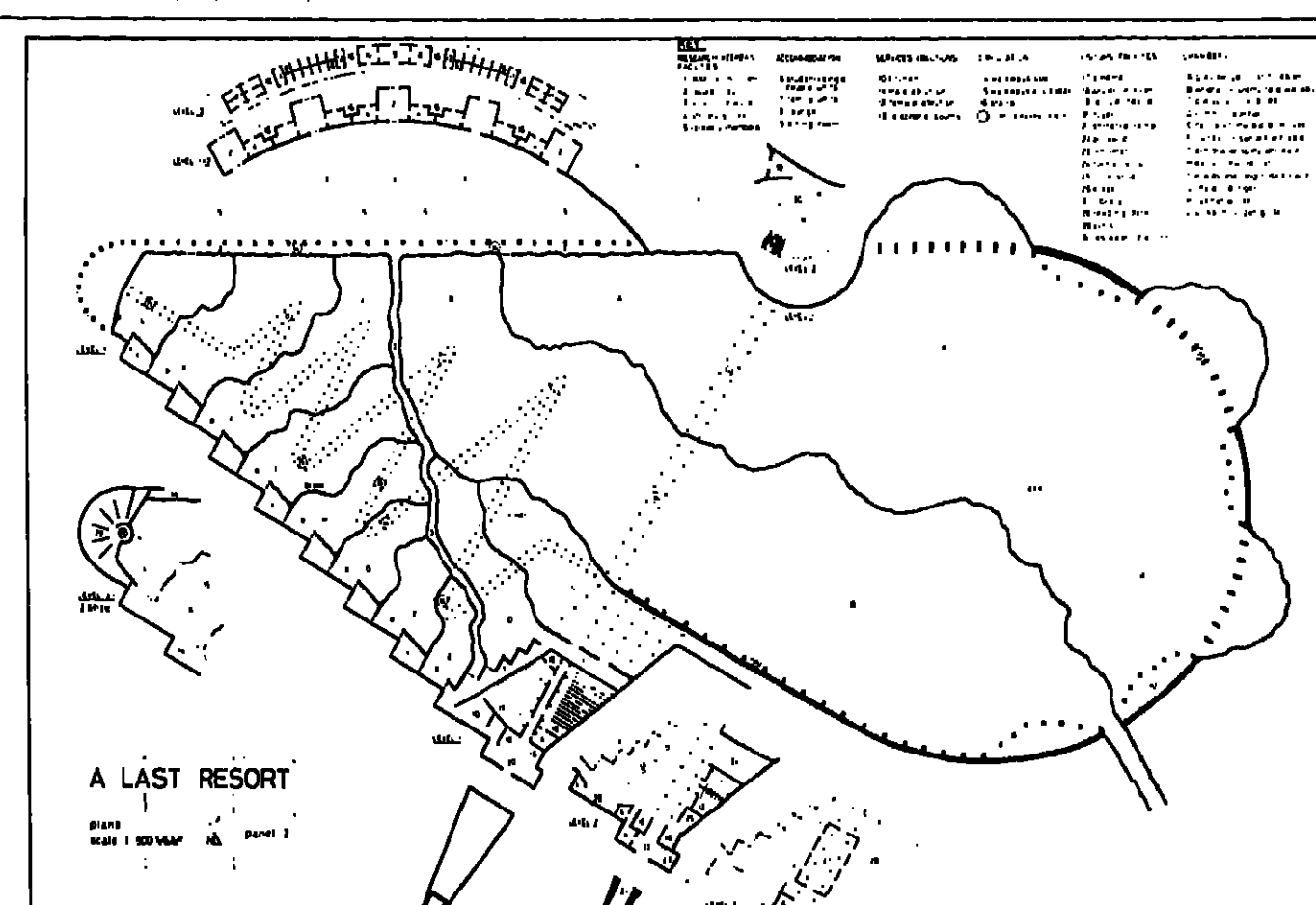
Animhouse



Jonathan Wilson, Bath University (joint first prize): an informal curved plan in woodland at Bowood House. The sectional arrangement allows for efficient servicing and observation including first floor balconies looking over an outdoor clearing.

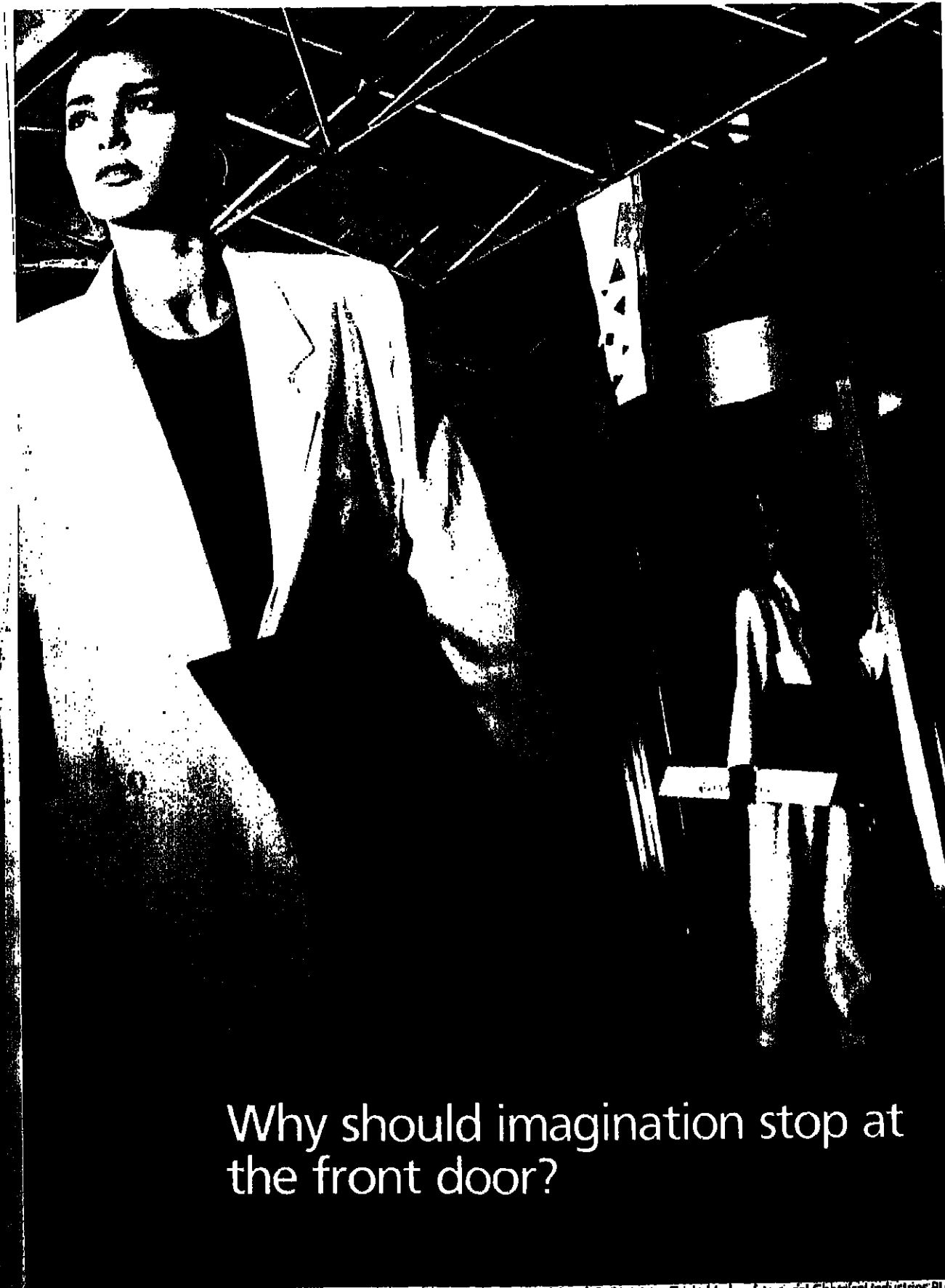


Above and right: Stewart Brown, University of Cape Town (joint first prize): interconnecting pattern of circulation routes, on bridges, paths, viaducts with peripheral servicing and accommodation in expanded "walls" that serve as stairs.



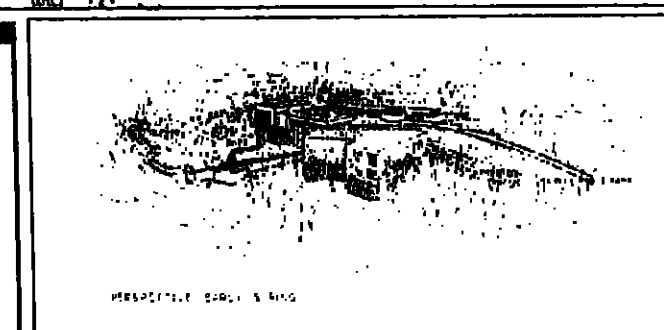
there's only one
PERSPEX
ACRYLIC SHEET

More than ever corporate design is playing a major role in the High Street. However, regardless of the creativity and success of many new interior and exterior schemes, neither seems to go much further than the front door. Little of the interior scheme is ever seen on the outside, and rarely do exterior colours and graphics find their way to the inside scheme. It's a situation, however, that the designer need no longer tolerate. For within the vast range of 'Perspex' acrylic sheet, Britain's major sign and display material, are colours that co-ordinate perfectly with the latest ICI Dulux paints and those dyes and pigments used in fabrics, carpets, wall coverings and a myriad of commercial furniture and shopfitting applications. 'Perspex' not only has good weather resistance and durability but it's also capable of being shaped into the most subtle and intricate display ideas, in either clear, opal, translucent or opaque form. We can even tailor-make 'Perspex' to the colour of your eyes. With 'Perspex' acrylic sheet used as an illuminated sign or internal display medium, you can maintain a consistency of design throughout the building, from the most minute detail of the interior to the most spectacular outside illuminated livery. It's a design opportunity that only 'Perspex' can give you. If you'd like to know more, just write for your 'Perspex' Colour Story brochure to Philip Champion, ICI Petrochemicals and Plastics Division, PO Box 34, Darwen, Lancashire, BB3 1QB.

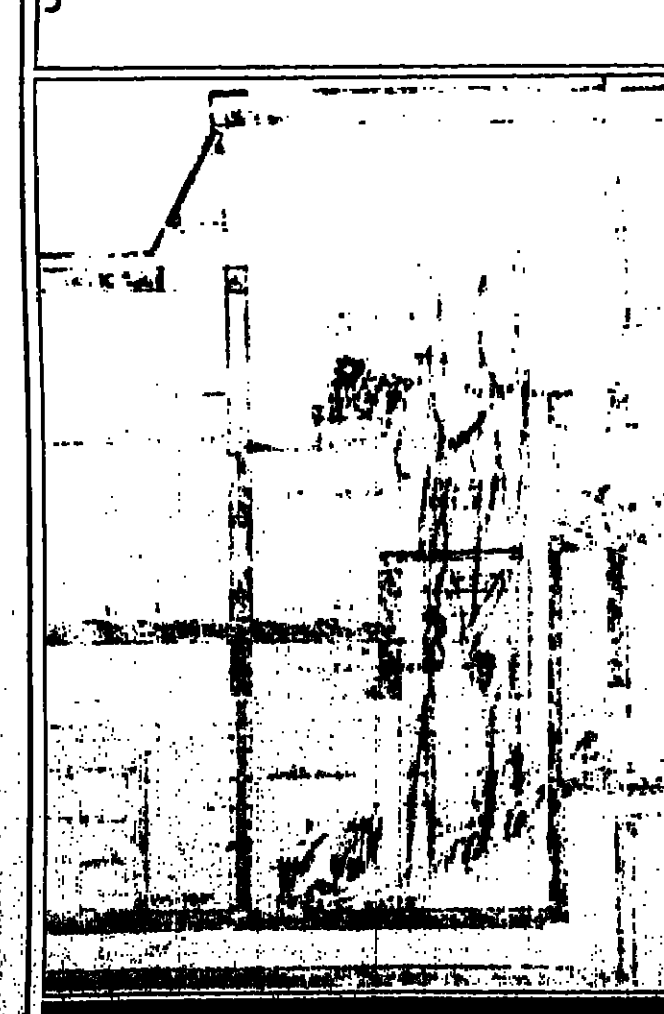
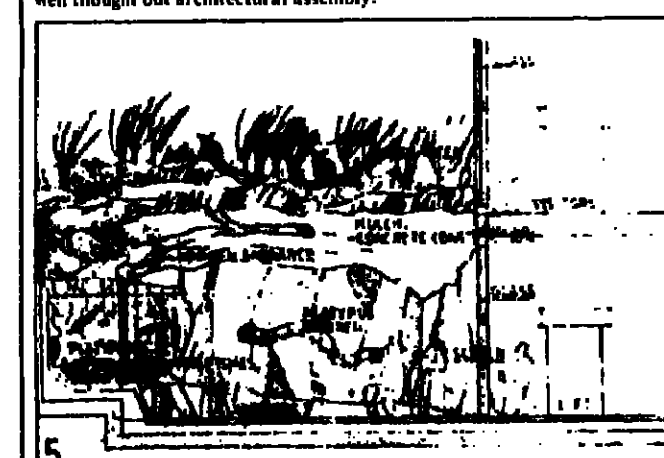


Why should imagination stop at the front door?

The ICI Roundel and 'Perspex' are Trade Marks of Imperial Chemical Industries PLC.



Above and below: Kari Miettinen, Helsinki University of Technology (joint first prize): a lakeside site in Finland provides the sloping setting for this complex and well thought out architectural assembly.



Enter 17 ON EXPRESS ENQUIRY CARD

New products

Compiled by Harold Hudson

From nail plates to CAD

SINCE Redland acquired Gang-Nail some seven years ago, the company has gone from strength to strength, largely because of the sophisticated computer-based backing which it has provided to its network of fabricators. This in turn has given birth to Redland Construction Software, which has built on the skills developed in the initial truss design programs, first taking them into areas which will help the roofing contractor with estimating and administrative packages, later into architectural design and draughting systems.

This increase in activity has caused the two companies, Gang-Nail and Redland Construction Software, to move to new and larger premises in Aldershot.

Designed by Lister Drew & Associates and built by Miller Developments, the new premises have been tailor-made to the specific requirements of the two companies. They comprise over

820sq m of high quality office accommodation and over 1,630sq m of production space. The building was completed in nine months and has a current value of £1.4 million.

The extra manufacturing space has allowed Gang-Nail to fulfil an increasing demand for its nail plate connectors, as well as to improve its storage facilities. On the computer software side, Redland Construction Software is busy developing further into the architectural field. In total it has six suites of programs, comprising 11 individual pieces of software.

The Zeta 3000 Architectural Design and Draughting System is a powerful 2-D and 3-D system, complemented by a full range of professional features, such as zoom and pan curve fitting.

Harold Hudson

Enter 100 ON EXPRESS ENQUIRY CARD

If you would like more information on the products on these pages, fill in and return the pre-paid enquiry card.

Partitioning



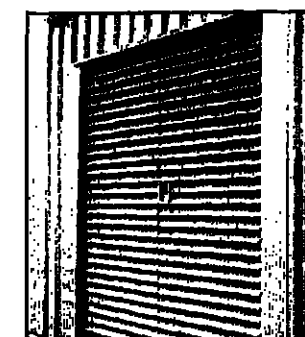
ANDERSON Construction has introduced to the British market the West German Bertrams partitioning system. This monobloc, steel faced, non-loadbearing system has been designed for quick assembly and dismantling, and offers flexibility of layout. The range of modular units include solid, glazed and part-glazed panels, single and double doors in steel and timber and wall-hung storage units.

Enter 101 ON EXPRESS ENQUIRY CARD

Louvred doors

FULLY louvred doors with impressive ventilation characteristics have been added to Greenwood Airvac Ventilation's Chestah industrial/commercial door range. There are three possible aluminium louvre blade configurations for increasingly higher standards of weather proofing. The pitch of the blades is 75mm and bird and vermin guards are snap-locked horizontally between these blades.

Enter 102 ON EXPRESS ENQUIRY CARD



Safe window gear



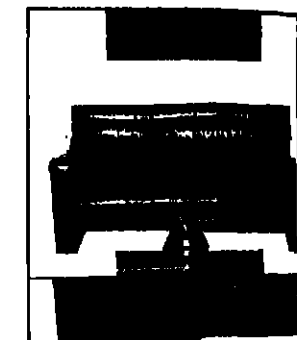
EXCELLENT child safety is promised by the new Safety First tilt and turn window gear system introduced by Smith Wallis. Suitable for use on routed and surface-fixed upvc and timber windows, the new system is said to be safer than existing types with its initial operation tilting the window, rather than turning it, for side-hung opening, the handle has to be turned through 180 deg, a difficult task for a child to perform.

Enter 103 ON EXPRESS ENQUIRY CARD

Furniture

TRILBY is a new departure for Boss Design, which has previously been associated with original chrome frame furniture. This new range is fully upholstered, classical in shape and notable for its clean, smooth lines. The distinctive lumbar roll provides additional back support and the range includes two- and three-seater settees, an armchair, a tub chair and rectangular or square occasional tables available in a wide choice of leather colourways.

Enter 104 ON EXPRESS ENQUIRY CARD



Floral prints



LAUNCHED at the Interior Design International Exhibition, Tarian Design's two new floral prints are both designed by Evelyn Redgrave. Jacaranda is a large scale flower print, while Jancis (illustrated) combines floral and abstract motifs. Both designs are printed on 100 per cent easy-care cotton, 1,220mm wide, in four colourways. There are also complementary black/white designs in cotton and flame retardant Trevira sheer qualities.

Enter 105 ON EXPRESS ENQUIRY CARD

Repair compound

FORMULATED to combat the effects of extremely aggressive atmospheres, such as those experienced where acidic gases are escaping from sewage, Felbet Waste Water Epoxy from FIEB (Great Britain) is an epoxy-based pointing and repair mortar suitable for old or new structures. Rigorous tests have demonstrated that the compound will resist normal chemical and physical attacks from sewage, as well as exhibiting excellent bonding and curing properties, even under wet conditions.

Enter 106 ON EXPRESS ENQUIRY CARD



Litter bin



WINNER of a Design Council Award and featured on BBC's Newsnight, the Topsy litter container from Glasdon is vandal resistant, simple to operate and available in an extensive range of colours. A special sliding key releases the light outer from the base and allows the steel liner to be emptied without difficulty or awkward lifting. Customers' bins can be incorporated into the Topsy litter bin, which is proving to be a welcome addition to the available ranges of attractive, yet functional environmental furniture.

Enter 107 ON EXPRESS ENQUIRY CARD

Graffiti remover

FOX Valley Systems has introduced a graffiti remover into its product range. Said to be effective on almost any surface, after one quick application, the remover is supplied in a handy aerosol can, 12 cans to a case. Fox Valley guarantees that each can will empty completely and will not clog for six years from the date of purchase.

Enter 108 ON EXPRESS ENQUIRY CARD



To the partners and associates of Lister Drew & Associates, Royce Hurley and Stewart, The Gillinson Partnership, Bell Daniels Slater Partnership, The John Brunton Partnership Ltd., The Thomas Saunders Partnership, Stanley Bragg Partnership, Michael Lyell Associates, M.W.T. Architects and Terry Farrell Partnership.

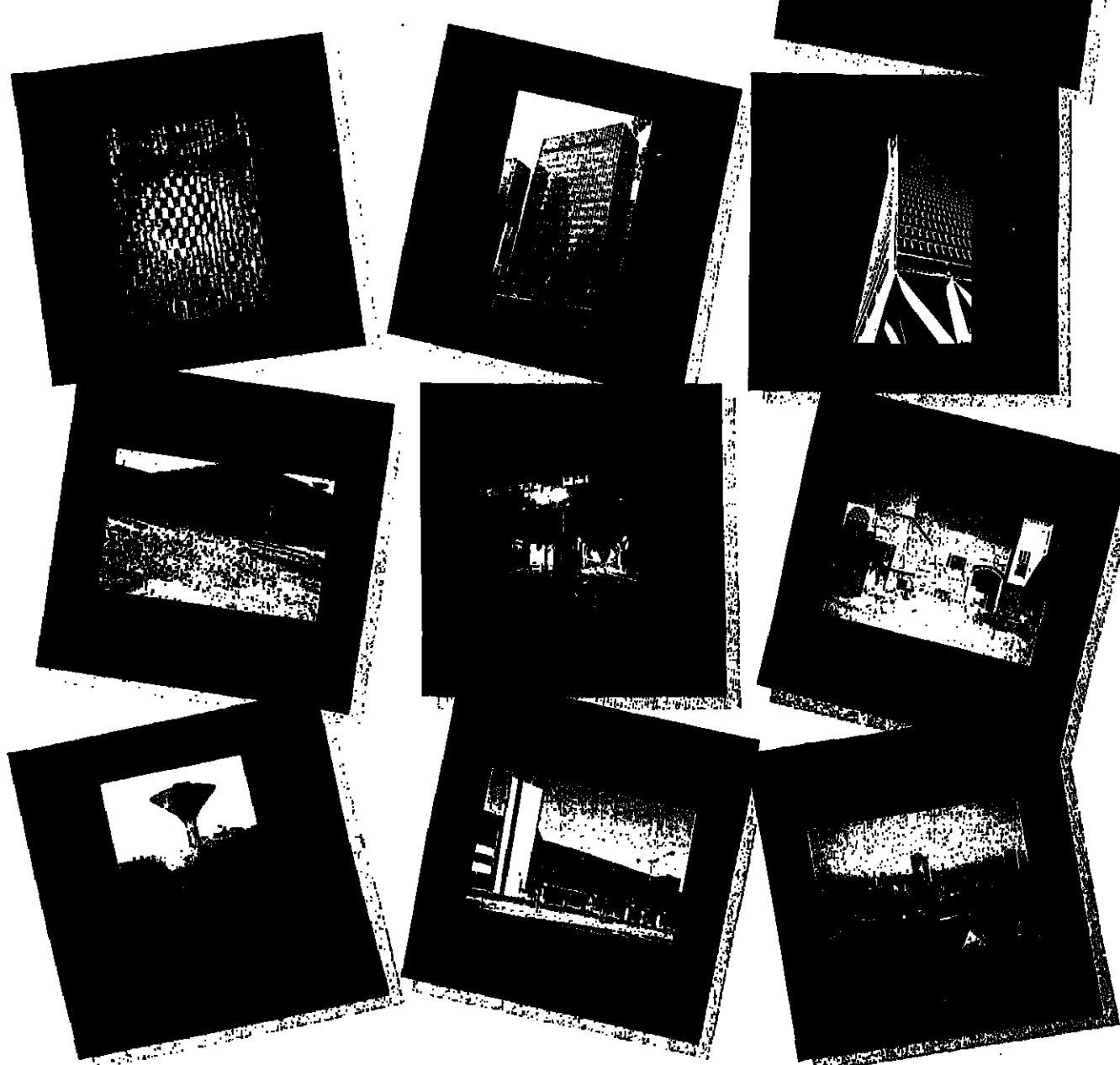
LHT LHT Anodisers Limited

Re: The Colourbox
Next Tuesday, you'll each receive a small package.
Please take the time to open it and discover the Colourbox - a unique collection of anodised finishes - a unique collection of traditional finishes that offer all the traditional benefits and confidence that you'd associate with top quality anodising; but with one big difference.
Colour.

There are eighteen sophisticated shades to choose from, each with the quality and depth that only anodising can provide. The Colourbox from LHT. When you see it, you'll believe it.

Until Tuesday then...

What do these have in common?



The sealant used was based on Morton-Thiokol LP Liquid Polysulphide Polymer. This has been the base for the production of high quality construction sealants for more than thirty years. It has also been the base for high quality Insulated Glass sealants for more than twenty years. The structures illustrated show successful contracts around the world, from near Arctic to tropical locations.

For further information, contact us.

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or 18 ON EXPRESS ENQUIRY CARD

New products

Drawing starter kit



CONTAINING a TGI-S technical pen, a Tekaglyph glare-free lettering guide and a bottle of ink, all packed in a useful work box, Faber-Castell's Technical Drawing Starter set is ideal for students or draughtsmen wanting to try a new type of technical pen. The TGI-S pen has a refined steel alloy drawing point and comes in nine different line widths from 0.13mm up to 2mm. In the set the pen is fitted with a 0.35mm drawing point. F-C also includes two 50p vouchers in each set.

Enter 109 ON EXPRESS ENQUIRY CARD

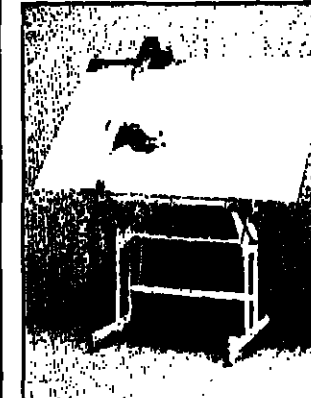
Patio doors



MANUFACTURED from Smithframe System 10 upvc profiles, the new slim-line patio doors from WH Smith & Sons (Extrusions) are visually compatible with adjoining windows because of the slimness of the frame. They come in various forms, including French doors, in-front sliding doors and continental-style tilt and slide doors. All Smithframe doors are double-glazed with a white or brown external bevelled security bead.

Enter 111 ON EXPRESS ENQUIRY CARD

Drafting machine

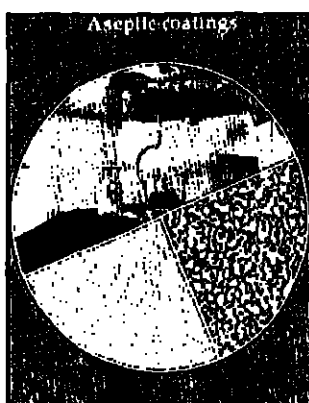


DESPITE the CAD revolution, it is Kings Legend's view that manual drafting machines will always be required. It is therefore pushing back the frontiers of development in this area with its Mutoh range of Track Type drafting machines, available with a number of differently styled protractor heads. Latest in the innovations list is a magnetic levitation system, using magnetic repulsion which reduces the energy needed to move the rail to practically nil.

Enter 113 ON EXPRESS ENQUIRY CARD

Germicidal paint

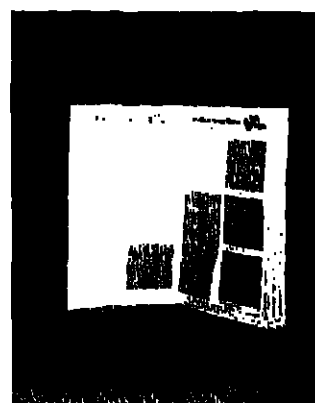
HARMFUL bacteria that may form on paint film can actually be killed, it is claimed, by Wallglaze's new Walltex aseptic paint. Such bacteria as those responsible for Legionnaires' Disease, salmonella, diphtheria and post-operative infections, can all be slain. Walltex comes in gloss or eggshell forms, is resistant to abrasion and cracking, has a surface spread of flame of Class 1 to BS 476: Part 7 and is unaffected by radiation. Although it is lethal to bugs, Wallglaze is harmless to people.



Enter 110 ON EXPRESS ENQUIRY CARD

Wall coverings

MANUFACTURED in Britain, the Vinylon range of cotton backed vinyl wallcoverings is now available from Turner Wallcoverings. Five of the designs emphasise textile effects. The range also includes two well-established collections — Valleyweave and Touchstone — which are available in a number of colourways. Vinylon coverings comply with Class 0 and Class 1 fire propagation and flame spread standards and are fully washable. They are sold by the linear metre.



Enter 112 ON EXPRESS ENQUIRY CARD

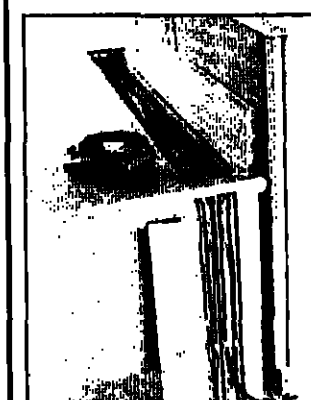
Sofa

ORIGINALITY, style and comfort are the claimed features of Sofavio — a new sofa designed by Torben Skov of Denmark and obtainable in this country from Scan-Q of Greenford. Combining simple geometric forms with bold primary colours, this settee may not be everyone's cup of tea, but it will certainly get the neighbours talking. Fire retardant foam and upholstery are used throughout and there is a choice of fabrics and colour combinations.



Enter 114 ON EXPRESS ENQUIRY CARD

Office furniture



SINCE its introduction in March, the response to Asher Systems Furniture's range, designed specifically for the electronic office, is said to have been tremendous. In particular praise has been poured on the cable management arrangements — a genuine lay-in system with three separate channels. These are integral to the vertical leg and carry cables to the horizontal cavity in the desk top. A tough spring at the rear of the unit gives instant access to the horizontal electric.

Enter 115 ON EXPRESS ENQUIRY CARD

Pool enclosure

BECAUSE of its modular design, using only three window modules, Neweroll's new version of its popular Victorian pool enclosure can produce over 180 designs and size combinations. What is more, installation time, it is said, has been cut by half. Its roof is constructed of polyester finished aluminium glazing bars and 10mm or 16mm twin-walled polycarbonate glazing. The enclosure's steel frame is manufactured in standard sections, galvanised after fabrication and finished in epoxy paint.



Enter 116 ON EXPRESS ENQUIRY CARD

Wardrobes

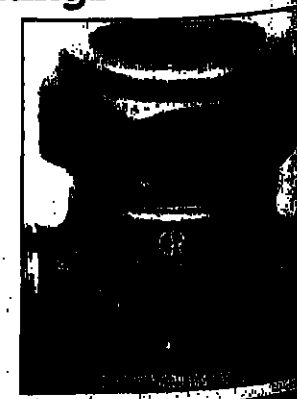


CLARISON Maid is a versatile wardrobe storage system which is easy to assemble, is light in weight, rigid in construction and encourages natural ventilation. Available through National Products, this system is supplied in three boxed units with basic sizes to suit wardrobes up to 1,500mm wide, between 1,500mm and 2,400mm wide and from 2,400mm to 3,000mm wide. Individual shelves are either 1,200mm or 1,800mm in length and can be easily cut to size.

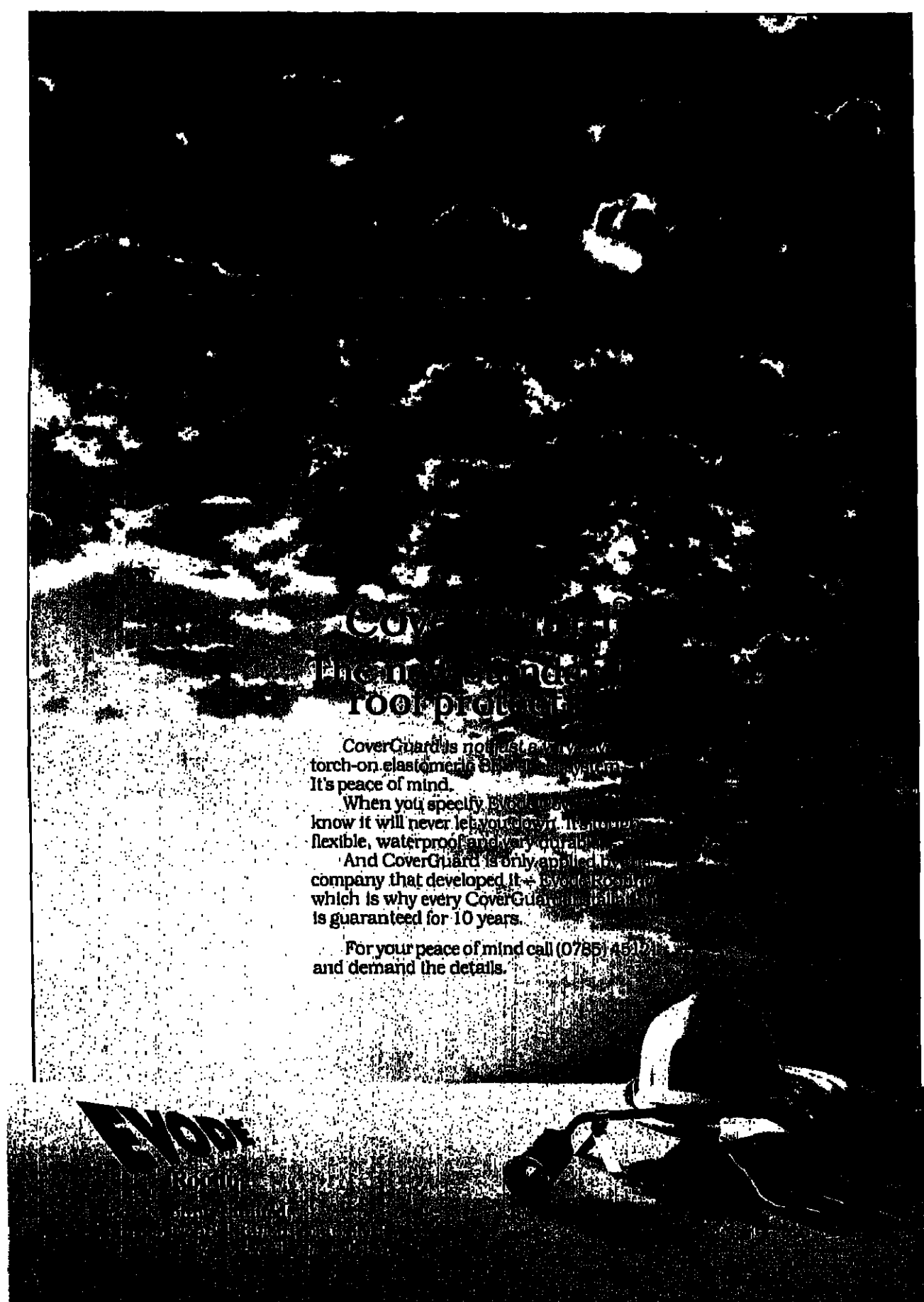
Enter 117 ON EXPRESS ENQUIRY CARD

Compression fittings

IMPEL is a range of compression fittings, produced by Marflow Engineering. It is being constantly updated and extended to meet changing trade demands. The 2000 range in brass is BS kitemarked and the 6000 DZR range comprises fittings which are dezincification resistant for use in areas with special corrosion problems. Also Marflow produces Impel brass stopcocks and bibcocks, compression gatevalves and female iron gatevalves up to 100mm.



Enter 118 ON EXPRESS ENQUIRY CARD



CoverGuard From the makers of RoofProtector

CoverGuard is not just another torch-on elastomeric waterproofing system. It's peace of mind.

When you specify CoverGuard, you know it will never let you down. It is flexible, waterproof and very durable.

And CoverGuard is only applied by the company that developed it — CoverGuard, which is why every CoverGuard installation is guaranteed for 10 years.

For your peace of mind call (0785) 451111 and demand the details.

Enter 20 ON EXPRESS ENQUIRY CARD

The first ever interlocking slate.

CAMBRIAN
INTERLOCKING
SLATES

Redland Cambrian interlocking slates. Made from natural slate. Lighter weight. Fast and easy to fix. Naturally more economical.

Redland Roof Tiles Limited, Redland House, Regent Square, RH1 0SJ, Tel Regent (0717) 42448. Telex 44630.
Enter 21 ON EXPRESS ENQUIRY CARD

Although a bit simpler than they were before, these requirements still seem to need sorting out. Henry can't follow the guidance on flue pipes through combustible material — it doesn't tally with modern insulation and ventilation requirements.

"THE EASIRECS"

No 35

J1/2/3 Solid fuel and oil 2

BY HENRY HAVERSTOCK

Tel: 01-267 7676 with comments or criticisms

REQUIREMENTS

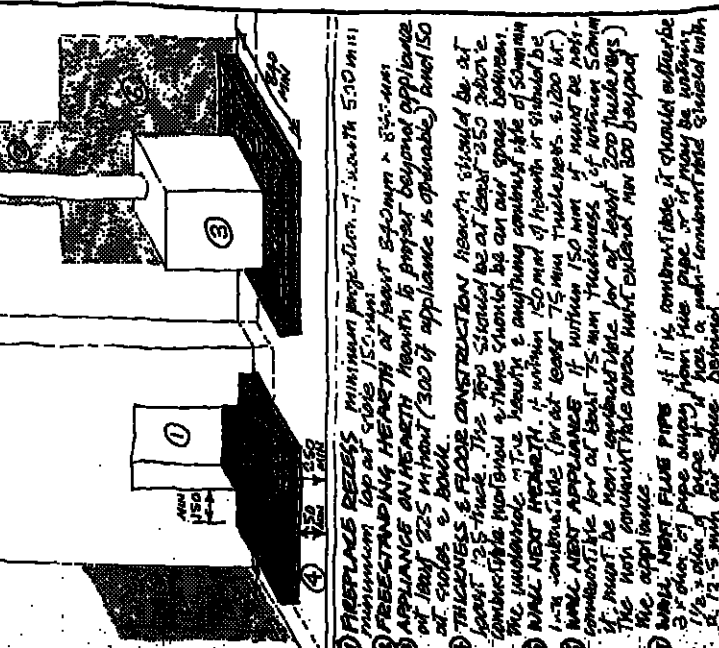
These were given in full last week (13 says the building mustn't catch fire).

PROVISIONS AGAINST FIRE AND HEAT

Constructional hearths

These should be provided wherever an appliance is to

CONSTRUCTION OF HEARTHS



Fireplace recesses

These should be constructed of solid non-combustible material as shown in the drawing.

Walls

Walls within 180mm of the hearth that do not form part of a fireplace recess should be of solid non-combustible material that is at least 75mm thick for a height of at least 1.2m above the top surface of the hearth.

Chimneys

Masonry materials forming a flue wall should (excluding any lining) be:

- at least 100mm thick between one flue and another;
- at least 100mm thick between a flue and another part of the same (unless it is a dwelling or is constructed as a

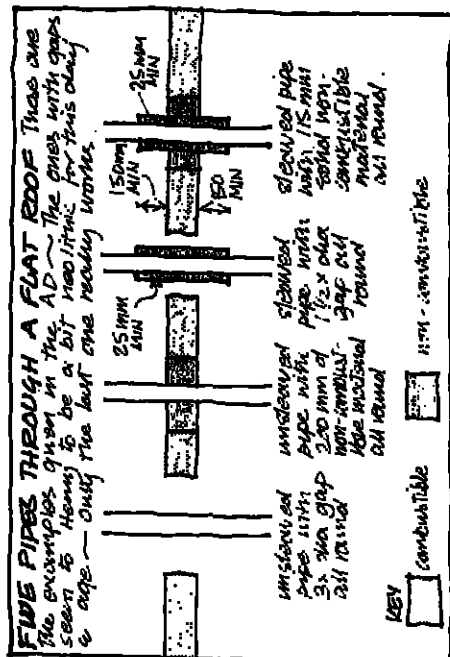
- separate fire compartment;
- at least 200mm thick between a flue and another compartment of the same building or another dwelling. Combustible material should not be nearer than:
- 200mm to a flue;
- 40mm to the outer surface of a masonry chimney or fireplace recess unless it is a floorboard, skirting, door or picture rail mantelshelf or architrave;
- metal fixings in contact with combustible materials should be at least 50mm from a flue.

Factory made insulated chimneys

- These should not:
- pass through any part of a building forming a separate compartment unless it is cased in non-combustible material giving at least half an hour fire resistance. See AD83 Internal fire spread (structure), Easirecs No 1431-1-86 for more information;
- be placed with its outer wall nearer to combustible material than a distance "X";
- pass through a cupboard storage space or roof space unless it is cased in non-combustible material at a distance of at least "X" from the outer wall of the chimney. "X" is to be found by tests in accordance with BS 4943 Part 1.

Flue pipes

If flue pipes pass near or through combustible material, they should be separated from it as shown in the drawing. Heavy is a bit puzzled by this, as no flue should pass through any internal wall, partition floor or roof space (Clause 1.19, see last week) and should only be used to connect a flue pipe to a chimney perhaps it might pass through a flat roof. Let us hope this will be clarified in the revision.



WHAT'S NEW?

A number of requirements for constructional hearths have disappeared, such as the level of the hearth which can now be lower than the adjacent floor if it is combustible. Rules for superimposed hearths have gone, as have conditions for pits for ash containers. Back-to-back grates now have to be separated by 200mm of non-combustible material, formerly it was 100mm. The relaxation of the provisions for constructional hearths and the location and shielding of nearby walls that formerly applied to oil burning appliances whose external surfaces did not exceed 100deg C, has been extended to solid fuel units with similar characteristics.

WHAT NEXT?

Approved Document J is presently being revised. It is not expected that major changes will be made, though further simplification by more references to British Standards are being considered.

REFERENCES

- Heat producing appliances — Approved Document J from HMSO £3.
- Masonry chimneys
- BS 65: 1961 Specification for vitrified clay pipes, fittings and joints.
- BS 1181: 1971 Clay flue linings and flue terminals.
- BS 6461: Installation of chimneys and flues for domestic appliances burning solid fuel (including wood and Peat); Part 1: 1984 Code of Practice for Masonry Chimneys and Flue Pipes.

Factory made insulated chimneys

- BS 4943 Factory made insulated chimneys Part 1: 1976 Method of test for factory made insulated chimneys.
- Part 2: 1976 Specification for chimneys for solid fuel fired appliances.
- Part 3: 1976 Specification for chimneys for oil-fired appliances.

Flue pipes

- BS 41: 1973 Cast iron spigot and socket flue or smoke pipes and fittings.
- BS 1449: Steel plate sheet and strip, Part 2 Specification for stainless and heat resisting steel plate, sheet and strip for Grade 316S11, 316S13, 316S16, 316S31, 316S33.

- BS 1344 Methods of testing vitreous enamel finishes, Part 1: 1968 Resistance to thermal shock of coatings on articles other than cooking utensils, part 3: 1967 Resistance to products of combustion containing sulphur compounds, Part 7: 1967 Resistance to heat.

- BS 1251: 1970 Open fireplace components. This standard is under revision, a draft for public comment is expected out within the next two months.

- Watch out for BS 8303 this is a complete revision of CP 403 Installation of domestic heating and cooking appliances. The new Regs have been taken account of in the draft, and although it is not expected to include all the points in the AD it will have much that is useful. Publication is imminent.

The Fireplace Book by Roxana McDonald, Architectural Press £9.95. Primarily a guide to the restoration of old fireplaces, but has useful construction drawings and appendices on products.

This week

Monday
Renderings, a one-day course organised by the Cement & Concrete Association in conjunction with the Institute of Clerk of Works.
Venue: Cement & Concrete Association training centre, Fulmer Grange, Fulmer, Slough SL2.
Details: (02816) 2727.

Monday
Asbestos hazard, a seminar organised by the Thomson Laboratories.
Venue: London Hilton Hotel, Details: Philip Blowfield (0908) 562925.

Tuesday
Concert by the Alderney Wind Quintet from Trinity College of Music.
Venue: RIBA, 66 Portland Place, London W1.
Cost: £1.
Details: 01-580 5533 (ext 4142).

Tuesday
Self-built Europe, a talk by Byron Mikellides, the last in the series "Housing — design for the people", organised by the Polytechnic of North London.
Venue: Polytechnic of North London, Holloway Road, London N7, 6.30pm.
Details: 01-607 2789 (ext 2485).

Tuesday-Thursday
First international climatic architecture congress.
Venue: Catholic University of Louvain, Belgium.
Cost: 12,500 B.F. (£170 approx).
Details: Michael Buckley, The ECD Partnership, 11-15 Emerald Street, London WC1, 01-405 3121.

Wednesday
Reading architecture: the meaning of entrance, a design workshop organised by the Polytechnic of North London. A short day-release course.
Venue: The Polytechnic of North London, Holloway Road, London N7.
Cost: £75.
Details: Jon Finlayson 01-407 2709.

Thursday
The Natural City.
Venue: Risley Moss Nature reserve, Warrington.
Cost: £65.
Details: Conference Secretary, Pat Vaughan, 061-273 3333 (ext 3634).

Venue Church of St Lawrence
Jewry next to the Guildhall, London.
Details: Publicity Office, 11 Cleve Road, West Hampstead, London NW6. 01-624 8781.

July 14-16
Central School of Art & Design MA and BA Industrial design degree show.
Venue: Institute of Directors, 116 Pall Mall, London SW1. Monday 1pm to 8pm. Tuesday and Wednesday 10am to 8pm.
Details: 01-405 1825.

July 14-August 1
Art in architecture, organised by commissions agent Jeremy Hunt and architects Derek Latham Associates.
Venue: St Michaels Gallery, St Michaels House, Queen Street, Derby DE1 3SU and Derek Latham Associates, St Michaels, Derby.
Details: Jeremy Hunt (0602) 470574 or John Goom, (0332) 365777.

July 14-18
14th PIRC Summer Annual Meeting and Exhibition.
Venue: University of Sussex, Brighton.
Details: 01-836 2208.

July 16-17
Exhibition of work of students at the Inchbold School of Design.
Venue: 7 Eaton Gate, London SW1. 10am-5.30pm.
Details: Inchbold School of Design, 01-730 5508.

Until July 28
Feeling through form, leading contemporary sculptors.
Venue: Barbican Centre, Sculpture Court, Level 8, London EC2.
Details: 01-638 5403.

Until July 30
Architectural drawings by Hugh Ferriss, organised by the Whitney Museum of American Art.
Venue: Whitney Museum of American Art, 787 Seventh Avenue, New York, New York 10019.
Details: (212) 570 3633 or 554 2468.

Until July 31
Working with light exhibition of stained glass.
Venue: Maritime & Industrial Museum, Museum Square, Swansea.

Coming soon

July 8
The elderly and housing design, a one-day conference organised by the National Housing & Town Planning Council.
Venue: Fairfield Halls, Croydon.
Cost: £10 per head.
Details: NHPTC, 14-18 Old Street, London EC1V 9AB.

July 10
Access for disabled, lecture by Paul Walshe of the Countryside Commission, organised by the East Midlands Landscape Group.
Venue: Lockington Hall, Kegworth, Derby, 7pm.
Details: Phil Rech (05097) 2772.

July 10-12
RIBA Conference.
Venue: London.
Details: 01-580 5533 (ext 226).

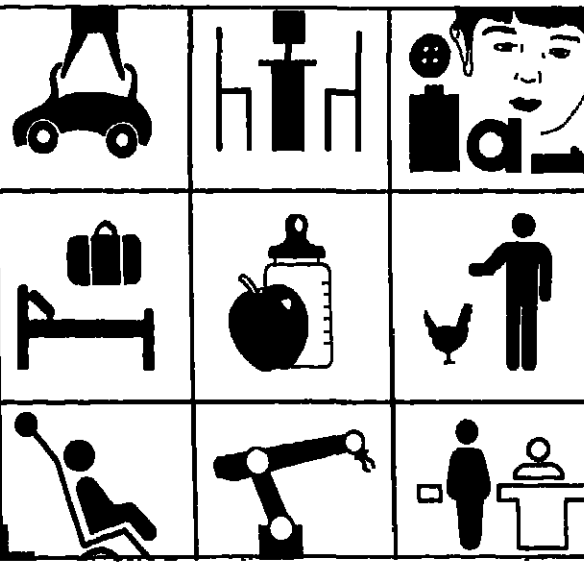
July 12
Building conservation workshop, organised jointly by the Newcastle upon Tyne City Council and the Association of Conservation Officers.
Venue: Civic Centre, Newcastle upon Tyne.
Cost: £25 plus £3.75 VAT.
Details: (0782) 328250 (ext 6102).

July 14-16
Block laying course, organised by Interpave, the Concrete Block Paving Association.
Venue: MSC Skillscentre, Tarrington Avenue, Coventry.
Details: Mr R Vickers, Interpave, (0633) 336161.

July 15
One-day programme of

Dateline

Items for consideration must be received 10 days prior to publication



June 28, June 30 — July 2 Central School of Art and Design MA and BA industrial design degree show 1986. Venue: Central School of Art & Design, Southampton Row, London WC1R 4AP. Details: 01-405 1825.

construction management seminars, compare, five representatives of leading suppliers describe the important features of their systems, organised by the Telecommunications User's Association.
Venue: London Press Centre, EC4.
Cost: TUA members £95 plus VAT, non members £125 plus VAT.
Details: Liz Goodwin 01-242 4141.

July 16
The PABX: How the major systems

July 16
Project Procurement and Management, a one-day course organised by the Study Centre.
Venue: The Albany Hotel, Birmingham.
Cost: £85 for centre subscribers, £95 for others.
Details: The Midlands Study Centre, 9 Westbourne Road, Edgbaston, Birmingham B15 3TN. 021-454 2008.

July 18
Energy world and housing design, seminar organised by the RIBA Housing Advisory Group.
Venue: RIBA, 66 Portland Place, London W1. 10am-4.15pm.
Cost: £46 including VAT.
Details: Tim Blackburn, RIBA, 01-580 5533.

July 18-25
Architectural conservation summer school 1986.
Venue: West Dean College, Chichester.
Details: The Administrator, West Dean College, Singleton, Nr Chichester, West Sussex.

July 18-27
Tenth international course in the conservation of architectural heritage and environment in France.
Venue: Royal Abbey of Fontevraud Val de Loire, France.
Details: Bernadette Gradis, (1) 42 25 91 92.

July 22
Study tour to National Garden Festival in Stoke-on-Trent, organised by the Town & Country Planning Association.
Venue: Stoke on Trent.
Cost: TCPA members £25 plus VAT, non-members £30 plus VAT.
Details: Sally Scarlett, 01-930 8903.

People

W H Saunders & Son announce the retirement on June 30 of John H Saunders. He is being retained by the firm as a consultant. The partnership continues under the direction of Kenneth Newman, Alan M Seward, Gilbert F E Norman, John Scalfie, William N Moisan and James B McGinn.

Hunter & Partners Architects announce that as from May 1 Martin Stuart DipArch (Hons) RIBA has become partner of the practice and David Adams BSc (Hons) DipArch (Hons) has been promoted to associate.

Building Design Partnership have relocated and consolidated their three Manchester offices. The new address is Sunlight House, Quay Street, Manchester M3 3JY. Telephone 061-668604, fax 061-812 4280.

Hugh Stewart BSc, CEng, MICE, MInstCE, has joined Mordant Burns Associates as partner.

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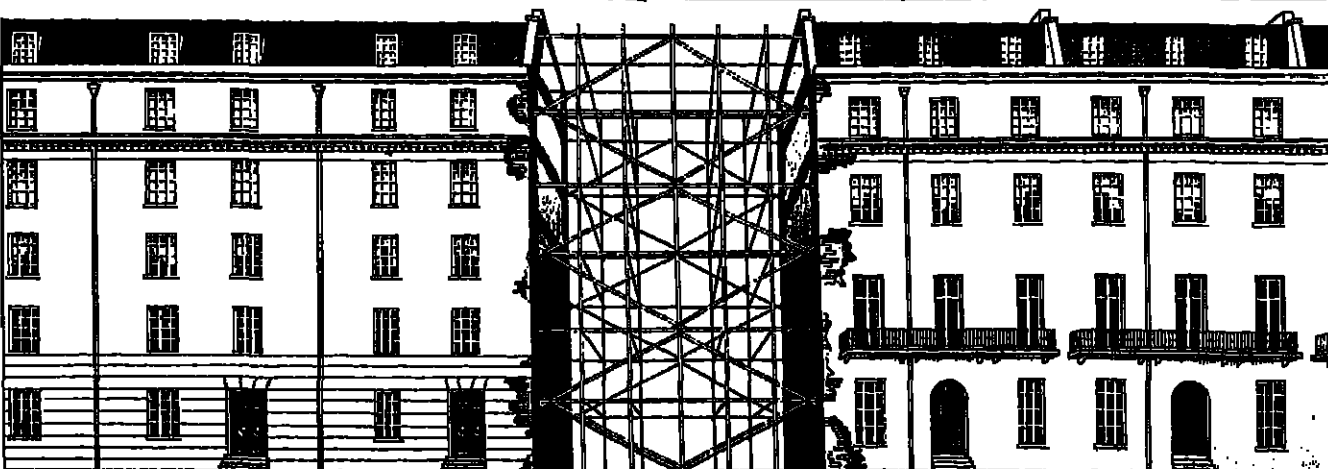
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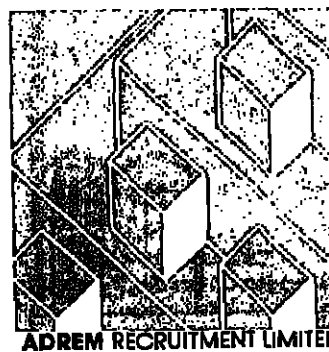
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Tel: 01-804 9711

COMPUTER OPERATOR
Our Intergraph CAD system is a year old and expanding rapidly. We also have a Wang VS80 administration system.

We are looking a bright energetic person to help provide technical support to our 20-plus users. Reporting to the Systems Manager, the successful applicant will be involved in all aspects of the day to day running of both systems and providing problem-solving support the graphic users.

At least 2 years experience of system operations required, preferably in a Vax-VMS environment. Intergraph or other CAD experience advantageous but not essential.

Salary negotiable. Please write enclosing CV to Valerie Lark, Foster Associate, 172 Great Portland Street, London W1N 5TB.

RETAIL/CATERING
INTERIOR
DESIGNER
Central London

We are a dynamic and fast moving Company operating throughout the United Kingdom, with interests across the major service industries of retail and catering. Our rapid rate of growth and expansion has made additional demands on us and we are now looking for another interior designer to join our small team in a stimulating environment.

You will require excellent draughting skills combined with a creative and highly practical approach to design. Your responsibilities will include producing preliminary designs and production drawings for a range of projects and the ability to produce visualisations/perceptions would be an asset. Our ideal candidate would possess B.A. or Dip.A.D. qualifications with a minimum of three years practical design and planning experience in retail or catering environments.

In return we offer a good salary, company car, and a range of benefits associated with a large Company.

Are you ready to grow with us? If so send your curriculum vitae and salary details to:

Box No 5896, c/o Building Design
30 Calderwood Street
Woolwich, London SE18 6QH

FARMER AND DARK
Have openings for
TECHNICIANS
Including one with experience of GIS draughting system, or willing to learn.

Please write with CV, to:
Farmer and Dark
131 Upper Richmond Road
London SW15 2TR

Young Architect
Pre or post part II Architect required to join small young practice.
Good design ability and presentation essential.
Reply in writing with CV, to:
Clive Chapman Architects
4 Eel Pie Island, Twickenham, Middlesex TW1 3DY

LE FEVRE RYE and HASTINGS
WOOD & ROYLE
Immediate vacancies in our 2 offices for
Architectural Technicians
with three years or more experience.
Wide range of work. Send CV to:
Tamarack Yard, Rock-a-Nore, Hastings,
East Sussex, TN34 3DW

SENIOR ARCHITECT
We need an ambitious Architect who can combine design flair with a sound technical knowledge of energy conservation techniques. Energy efficient design that looks good.

Current projects include: flats, houses, high tech industrial buildings, schools, refurbishments and an urban farm in London's Docklands.

We are a young friendly practice that has always set out produce buildings that are energy efficient. Our multi-disciplinary team includes M&E Engineers and Energy Consultants as well as a team of six Architects.

The ideal applicant will have at least 7 years experience especially in new-build housing and residential refurbishment. The right person could rapidly become an associate.

Please write with CV, and examples of work to:
David Turner
The ECD Partnership
11-15 Emerald Street, London WC1N 3QL
Tel: 01-403 3131

DIAMOND REDFERN AND PARTNERS
require an
ARCHITECTURAL ASSISTANT
to work on a variety of interesting commercial and industrial developments.

Please write, including full CV, to:
David Watkins
Diamond Redfern Watkins
66 Bolsover Street
London W1P 7PL

Edgbaston, Birmingham
applications are invited from
ARCHITECTS
aged preferably between 27 and 35 for a position in a medium sized practice with a varied and interesting workload.

We offer a pleasant, friendly environment in a modern well equipped office in the garden suburb of Edgbaston, having extensive social and sporting facilities in the immediate vicinity whilst being only about 1.5 miles from the centre of Birmingham.

Candidates for interview will be expected to demonstrate a high design capability with sound construction and organisational experience.

Salary according to ability and experience with 4 weeks holiday plus the usual statutory Bank Holidays.

Applications, with c.v., in confidence, addressed to Mr Brian Bannister, Brian Bannister & Associates, Belmont House, 40 Vicarage Road, Birmingham B15 3EZ.

SAMPSON ASSOCIATES
Architects - Quantity Surveyors
require
2 ARCHITECTS
with a minimum of 4 years experience to work on a new office development in the City. Previous experience with this type of work is essential.

Salary circa £13-£15K. We are a young successful practice and offer exciting career prospects.

CV to:
30-32 Vinty Street
London W1 7JE

Montrose Architecture
ARCHITECTS £18,000
We are a young and growing practice with a reputation for high quality design and a commitment to the environment. We are looking for a young Architect to join our team. The successful candidate will have a minimum of 3 years experience in a similar role and will be responsible for the design and development of a wide range of projects. We offer a competitive salary and a range of benefits.

Recruitment Consultants

Montrose Architecture
ARCHITECT-TECHNICIAN
We are a young and growing practice with a reputation for high quality design and a commitment to the environment. We are looking for a young Architect-Technician to join our team. The successful candidate will have a minimum of 3 years experience in a similar role and will be responsible for the design and development of a wide range of projects. We offer a competitive salary and a range of benefits.

Recruitment Consultants

SITES WANTED
retail or retail warehouse sites, with or without planning. Architects and Agents fully retained.

Also RICS scale introductory fee to Architects and Agents.

Premier Commercial Developments,
P.O. Box 6,
Liphook, Hants GU30 7UU.
Tel: (0458) 799319.

RECENTLY QUALIFIED ARCHITECT or PART II GRADUATE
minimum 3 years experience, excellent career prospects.

Apply to:
Joanna Powell
Riley & Gifford
4 Raymond Buildings, Grays Inn, London WC1N 1PL
Tel: 01-442 7398

ASSIGNMENT FINISH UP?
To help you finish your assignments fast and efficiently, here's the solution!

Choose a new contract from a range of 48 new assignments to match your skills and interests. Each assignment is a complete package, including all the necessary documents and information to get you started.

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Your 1st daily choice of technical jobs.

RECRUITMENT CONSULTANTS
1. Design & Project Arch. - London, 3 years post grad exp, new development/high tech research centre, £ neg
2. Architect North London - 5 years Arch exp, high rehab £ neg - car & car
3. Arch Technicians Heathrow - RICS - Terminal 1 & 2
4. Design Architect London WC1 - 3 years previous exp, £ neg
5. Site Arch/Surv - Lon SW4, qual - exp'd rehab projects £ neg - pension
6. Draughtsman/Designer - 15-15, W Lon High quality commercial, £ neg

ROBshaw RICHMOND PROJECT ARCHITECTS /ARCHITECTS
required with minimum 3 years post graduation experience work on a variety of interesting projects. Excellent prospects exist for the right applicants.

Salary by negotiation.
Please apply with full CV to:
Robshaw Richmond
49/50 Great Marlborough Street
London W1V 1DB
01-434 4475/6

SENIOR ARCHITECT
Required in our Manchester Office to work on projects in the UK.

Applicants must have an appreciation of good design, able to work to tight time schedules and have a leadership qualities. They must also have a minimum of 10 years experience and be presently or recently engaged in a very senior capacity in architecture.

The position carries a good salary plus fringe benefits.

Applications in writing with full c.v., marking envelope "Confidential" to:
J. F. Lynch
Fairhursts
55 Brown St
Manchester
M2 2JR

Layout Architect Assistant

We are looking for a talented Designer with specialist knowledge of private housing schemes.

This is a senior position within our Bristol Office. Professional qualifications although desirable are less important than a proven record.

An excellent salary and company car will be provided together with the full range of benefits associated with a major international company.

In the first instance please write enclosing a cv and indicate how you satisfy the above requirements to: R. Crow, Architects Dept, Wimpey Homes Holdings Ltd., Stockwood Road, Bristol BS4 5LT.

WIMPEY
WELCOME HOME

ARCHITECTS + TECHNICIANS
• Tel: (0703) 616067

Most adverts on this page are boring and to keep up the standard we hope that this one is too. However we do have some of the most interesting jobs which we simply have to advertise.

Portsmouth, Newbury, London, Winchester are our latest vacancies with salaries from £8,000-£16,000. To find out more phone now.

ORB WORLD
Recruitment Services
78 Leigh Rd, Eastleigh
Hampshire SO8 4DQ.

PENTON & SMART
require for their St Albans office
ARCHITECTURAL ASSISTANTS, PART II STUDENTS AND TECHNICIANS

The practice has an expanding workload of major special needs housing and buildings for disabled people. The work is varied and interesting and offers good opportunities for increased experience and responsibility.

We are looking for a variety of skills, presentation, design, draughtsmanship and technical.

Please apply to:-
Penton & Smart, 8 Spicer Street
St Albans, Herts AL3 4PQ
or telephone Tony Grimwade on 0757 40911.

HUTCHINSON AND PARTNERS

The team at
THE ANGEL, ISLINGTON
FLAIR
DEDICATION
TALENT

We need a bright, young Architect with flair, dedication and talent, to take personal responsibility for a number of schemes at various stages, each with the potential to prove the VALUE OF GOOD DESIGN

Ring Sherrine - 01 226 9708
Or write to:- 33 Upper Street N1

M.W.T. ARCHITECTS

The Ramsey office of MWT Architects require an experienced
TECHNICIAN
with a minimum of six years practical experience, to work on commercial and housing projects up to a value of £1M.

A competitive salary will be paid to the candidate capable of taking responsibility and using his own initiative.

Please apply in writing to:
Frank Pope ARIBA, MWT Architects
Montfort Lodge, Botley Road
ROMSEY SO8 1BW

Bath Bedford Bristol Exeter
Ipswich Plymouth Romsey Truro

McCarthy & Stone plc

McCarthy & Stone plc is a rapidly expanding company specialising in the design, construction and management of private sector sheltered housing for the elderly, with sites throughout the UK.

LANDSCAPE ARCHITECT
Midland Region

Based in Bedford, you will be working for our Bedford and Halesowen Regional Offices.

Applicants should be Associates of the Landscape Institute with at least three years relevant experience in both hard and soft landscape with a development company.

We offer an attractive remuneration package including company car in addition to a salary commensurate with experience.

Interviews will be held locally.

Please write to Linda Oak, McCarthy & Stone plc, Queensway House, 11 Queensway, New Milton, Hants GU25 5NR for an application form.

Building for a safe secure retirement.

Montrose Architecture The Professionals choose us for choice

DESIGNER ARCHITECTS £18,000-£21,000
We are a young and growing practice with a reputation for high quality design and a commitment to the environment. We are looking for a young Architect to join our team. The successful candidate will have a minimum of 3 years experience in a similar role and will be responsible for the design and development of a wide range of projects. We offer a competitive salary and a range of benefits.

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MROWICKI BIRD ASSOCIATES
Have vacancies for:
ARCHITECT
SENIOR TECHNICIAN(S)

We are a Young Practice (established 1983) currently seeking talented and experienced staff to assist in a period of expansion. We expect the successful applicants will establish themselves as key members within the Practice and will share in the rewards of a period of hard work and strong growth.

Our workload is varied but with a particular emphasis on commercial and retail development work. We provide a fast and thorough service to our clients, and we expect those who join us to possess demonstrable skills in the appraisal and design of projects, and particularly in the presentation and communication of ideas.

Excellent salaries are offered commensurate with experience and ability. Discretionary bonuses are also paid, and, after a suitable probationary period, additional benefits (company car, health insurance) will be considered.

Apply in writing with full relevant details to:
Mrowicki Bird Associates
181 New London Road, Chelmsford, Essex CM1 9QT

POST-DIPLOMA ARCHITECTURAL STUDENTS

YRM requires talented and enthusiastic graduates with outstanding design and presentation skills to participate in the design of building projects with its Architects, Planners, Interior Designers, Environmental and Structural Engineers.

Please write with CV to:-
YRM Architects & Planners,
24 Britton Street, London EC1M 5NQ

YRM ARCHITECTS & PLANNERS

H/L/M

If you're an intelligent, experienced (at least 5 years), competent and informed Interior Designer/Architect, we would like to employ you to work on the Partnership's unusually broad range of projects - including offices, restaurants and leisure work. Find out more by writing, with your CV to:

Richard Linington,
HLM Design Partnership,
17 Alfred Place, London WC1E 7EB

LHT Liverpool Housing Trust

The Trust is one of the country's largest inner-city housing associations with a substantial and diverse development programme.

Chief Architect/Surveyor
to c£13,308 plus car

This is a new post, responsible to the Assistant Director (Technical Services) for the management of our in-house Design Teams. The workload currently includes a wide range of projects catering for family, elderly and special housing needs through new build and rehabilitation. The establishment is 12, comprising technicians and surveyors, with quantity surveying and landscape architectural services also in-house.

The turnover is approximately £3.5m per annum.

Candidates should be professional qualified, RIBA or RICS, with previous housing experience. A background in housing association work would be an advantage. Proven management ability and experience of administration and systems for programme control will be key qualities for the successful applicant.

Closing date 25th July 1988.

For information and application form telephone
Margie Woods 061 708 8777 ext. 223
or write to:
Elizabeth M. Fudge
Assistant Director (Technical Services)
Liverpool Housing Trust
38-37 Bold Street
Liverpool L1 6BN

L.H.T. particularly welcomes applications from ethnic minorities, women and disabled people.

ONE MAN BAND NEEDS SECOND FIDDLE
Recent graduate or year out student required immediately to assist in quality London commercial and residential refurbishment projects. Experience in the practical application of creative solutions essential.

Part time work considered.
Write with CV, or phone initially:
Duncan O'Kelly Architects
40 Blackwell Park Crescent, London SW8 0DG Tel: 01-733 0305

ROBINSON DESIGN PARTNERSHIP
urgently require
YOUNG ARCHITECT
with flair for design and ability to translate into working drawing.
EXPERIENCED TECHNICIAN
Capable of working autonomously or in a small team. Enthusiasm, love of working under pressure and a sense of humour are essential.

Salary negotiable, commensurate with demonstrated abilities. Please apply in writing with CV, stating interview availability to:
Albert Raper
Granham House
52 Lislebridge Lane
Bedford BD7 1QT
Tel: 0274 784185

Architectural Technicians
required urgently.

Contact BGS on
Working 86471
or Godalming 6907

amsa
SECRETARIAL AND ADMINISTRATIVE STAFF
For Permanent and Temporary Appointments
Architectural Management and Secretarial Agency
Specialist Recruitment Consultants 01 734 0532

STIRLING
RECRUITMENT CONSULTANTS
JOB RUNNERS!
Architects and Technicians with retail, commercial, industrial and hospital experience. Central London, Richmond, Reading, Weybridge, all areas Herts. and Kent.

ISPACE PLANNERS!
Plus many more!
Stirling House
44 Richmond Road
Kingston
Surrey KT2 5EE
01-549 3720

Working with Results

LONDON DOCKLANDS CLERK OF WORKS
Experienced Clerk of Works required for major 10 storey new building housing development in the heart of London Docklands. Contract duration 2 1/2 years, value £13 million. Salary according to experience and ability.

Apply in writing enclosing C.V. and references to:-
Box No. 3633, c/o Building Design,
30 Calderwood Street, Woolwich,
London SE18 6QH

BRINSFORD PRISON, STAFFORDSHIRE
Austin-Smith:Lord require an Architect or Senior Technician experienced in work on site to join a team responsible for the design and construction of a new Prison near Wolverhampton.

The post which will be offered initially for a fixed period of three years, will involve working mainly "on location". It will also afford opportunities for periodic working visits to the Prison's offices in London and Warrington, Cheshire. It will carry considerable responsibility since the person appointed will take full charge under the Project Associate of the coordination of the work of the Contractors and Consultants teams, as well as carrying out more general Architectural duties.

Architect or Senior Technician

Applications enclosing CVs should be made to:
Gwyneth Lloyd Esq, FRICS
Austin-Smith:Lord
40 Lexington Street,
London W1R 3LH

Austin-Smith:Lord

PUBLIC SECTOR APPOINTMENTS

To place your advertisement telephone 01 535 7777 ext 433 or 0904 1454 (no 0904) or write to: Paul Hodge Building Design, 30 Calderwood Street, London SE18 6QH.
 Classified advertisement rates: £12.50 per line per week. Minimum 10 lines. Box number 12. See columns page 6.
 Cancellation: Seven days prior to publication.
 Accepted: Published on Friday. Latest copy date is 1st post Wednesday prior to publication. Late or by telephone up until 4.30 pm.

HEREFORD CITY COUNCIL
CLERK OF WORKS
 Hereford City Council require the services of a Freelance Clerk of Works for a Re-Roofing Contract of approximately 16 weeks duration. Wide experience and sound knowledge of flexible roofing systems is essential.
 Application forms can be obtained from the Chief Executive and Town Clerk, Town Hall, Hereford, to whom completed forms should be returned by Monday, the 17th July, 1986.

SOUTHAMPTON CITY COUNCIL
QUALIFIED GRADUATE ARCHITECT
 Salary range £8,979-£14,604 pa
 Applications are invited from Architectural Students in their last year, who expect to graduate this summer, for a two-year fixed term appointment in an office undertaking a wide range of public sector projects. These include new building, capital schemes undertaken in association with the Hampshire County Council, and a substantial programme of work in both the conservation and development of the City's historic buildings. The post will provide a good opportunity for a Graduate to develop his or her experience prior to taking the Part II examinations, and also to make a significant contribution to the work of the Department. It is hoped that the successful candidate will start as soon as possible and a provisional appointment may be made pending examination results. The commencing salary will be £8,979 per annum.
 Application forms available from City Architects, Civic Centre, Southampton SO9 4VZ. Telephone Southampton 522 444.
 Closing date: 14th July, 1986.
 Your application will be judged solely on its merits irrespective of race, marital status, sex, sexual orientation, age, religion or disability.
 An equal opportunity employer.

COLUMBUS FIRST HOUSING ASSOCIATION LIMITED
CLERK OF WORKS 2 Posts
 SO1 (£9,975-£10,638) plus essential car user allowance
 Columbus First Housing Association is a dynamic and forward looking housing association with a large programme of major repairs. We welcome applications for these 2 new posts from Clerk of Works who have at least 5 years experience either as trade supervisors or Clerk of Works covering all aspects of building. One post will be based in Malden/South and the other in East London and the other in Luton with responsibility for 3 to 3 major repairs contracts with values of £300,000 to £500,000 for each contract. The job involves some travel and a current driving licence will be necessary.
 Columbus First Housing Association Limited is an equal opportunities employer. For further details and application form please ring us on (01) 581-1181 or write to CHAL, 152 Blackhorse Road, London E17 6NH.
 Closing date for applications is 21st July 1986.

ARCHITECTURAL TECHNICIAN
 Salary up to £10,884 per annum inclusive
 A fully qualified (SAAT) and experienced technician is required to join a small group in the Architect's Division undertaking feasibility studies and complete design projects from inception to final account for all Council service committees.
 A system of flexible working hours operates averaging 36 hours per week.
 Application forms and further information available from the Head of Architecture Department of Development, Taberner House, Park Lane, Croydon CR9 1JT (Tel: 01-886 4433, ext. 3217).
 Closing date: Friday, 4 July 1986.

EXETER CITY COUNCIL
 To allow for the acceleration of the City's interesting and varied capital programme of major housing and leisure projects, the following additional team members are required for the Design and Development Division.
Architect/Architectural Assistant
 Scale SO1/SO2 £9975-£11604 (Temporary post for 18 months)
Architectural Technician
 Scale 3 £7920-£8697 (Temporary post for 24 months)
Architectural Technician
 Scale 4 £6900-£7713 (Temporary post for 18 months)
 In addition to working on the production of design and construction drawings for major new housing schemes, you will be involved in all aspects of our varied programme including works to Historic Buildings, infill schemes, conversions and leisure projects.
Assistant Quantity Surveyor
 Scale 6/SO1 £8979-£10638 (Temporary post for 12 months)
 You will be responsible for the preparation of Bills of Materials for both large and small schemes up to and including tender stage under the direction of the Principle Quantity Surveyor.
 For an informal discussion, telephone John Dodds, Assistant Director (Design and Development) (0392) 77888 Ext. 2426.
 Further details and application forms are available from the Personnel Officer, Civic Centre, 101's Field, Exeter EX1 1JN. Tel. no. (0392) 77888 Ext. 2500, or can be collected from the Reception Desk at the Civic Centre.
 Closing date: Monday, 14 July 1986.
 THE COUNCIL IS AN EQUAL OPPORTUNITIES EMPLOYER

CIVIC TRUST an environmental charity, wishes to appoint **PROJECT LEADER ILFRACOMBE**
 An intensive community-based programme of environmental and economic improvements is being set in hand by the Civic Trust in Ilfracombe, a traditional seaside resort on the north coast of Devon. This new initiative, known as the Worsworth project, is supported by North Devon District Council and other major local and national agencies.
 A Project Leader is sought who can initiate action, raise standards of environmental design, work well with local people, and manage this important project soundly under Civic Trust control. The successful candidate may well hold one or more of the following qualifications: RIBA, MCs, RPI, and will have proven leadership experience. He or she will be based locally. Closing date for applications: 14 July.
 For further information, contact Paul Davies, Principal Architect/Planner, Civic Trust, 17 Carlton House Terrace, London SW1W 9AW.

BRADFORD HEALTH AUTHORITY
BUILDING OFFICER
BRADFORD ROYAL INFIRMARY
 The person appointed will be responsible to the Senior Building Officer for building maintenance, operations and minor works programmes covering the Bradford Royal Infirmary and its outpatients department. He/she will be responsible for the day-to-day running of the building together with one of the following minimum qualifications: CMC Building Diploma of the Association of Building Technicians; City and Guilds Construction Technicians Certificate (No. 2629) or an acceptable alternative. Salary scale £7978 to £8997 per annum, plus up to 15% incentive bonus scheme allowance (under review).
 Further information available from Mr. R. Peach, Unit Works Officer, Tel: (0274) 49200, Ext. 247. Job Descriptions and Application Forms from the District Personnel Officer, Bradford Health Authority, Dabey Bank, 109 Duckworth Lane, Bradford, West Yorkshire BD9 6JL, Tel: (0274) 494133, Ext. 233; to whom completed forms should be returned by 14th July, 1986.

SHEFFIELD COUNCIL
Working for a better City
Assistant Planning Officer —
 Urban Design and Conservation Section
 Career Grade SC 5/SO2 £7920-£11604
 A planner or graduate planner with design flair, or an Architect with a planning background, is required for this challenging post. The City Council is committed to improving the City through an imaginative programme of urban design, regeneration and redevelopment. Should possess a clear commitment to improve the physical environment and the ability to take on a wide range of projects including environmental improvement, planning and design advice and development of proposals.
 For further details please contact Andy Tooley, Tel: 0749-734100.
 APPLICATION FORMS FROM THE PERSONNEL OFFICE, DEPARTMENT OF LANDS PLANNING, TOWN HALL, SHEFFIELD, S1 9QH. TEL: 0749-734111. CLOSING DATE: 10TH JULY 1986.
 An Equal Opportunity Employer we particularly welcome applications from women, black people and people with disabilities.

VALE OF GLAUGORIAN BOROUGH COUNCIL
 Department of Engineering and Building Services
ARCHITECTURAL TECHNICIAN
 Scale 3 or 4 (£6934-£7713 p.a.)
 Applicants must possess the H.T.E.C. (Building) qualification or equivalent. The duties of the Post will include the preparation of drawings and surveys of buildings and land under the direction of the Senior Staff.
 Grade and commencing salary will be dependent upon qualifications and experience.
 Convincing members of the Authority, directly or indirectly, will disqualify the candidate.
 The Council is an Equal Opportunity Employer.
 Application forms are available from the Director of Personnel and Management Services, to whom completed forms must be returned by MONDAY 14th JULY 1986.
 Civic Offices, Holton Road, BARRY CF6 6RU.

Senior Architect - (CA 18)
 PO 35-38 £11,850-£19,885
 Humberside County Council, County Hall, Beverley, N. Humberside
 Applications are invited from experienced Architects who have substantial design flair combined with a sound knowledge of building construction and who are able to work to their full potential.
 The successful applicant will be a member of a multi-disciplinary department with an annual capital programme of approximately £10 million dealing with Schools, Colleges, Libraries, Police, Fire and Social Services.
 Qualified Architects with a minimum of 10 years post-qualification experience and membership of the R.I.A.A. will be preferred.
 Removal expenses are paid in approved cases together with a contribution towards relocation expenses.
 Application Forms from: Acting County Architect, County Hall, Beverley, North Humberside HU17 9BA. The closing date is 16th July 1986.

BOROUGH OF TORFAEN
PRINCIPAL ARCHITECT
 PO (37-40) - £12,513-£13,662
 Post Number M. 8
 Applications are invited for this post in the Architect's Division of the Technical Services Department of the Authority.
 The post is presently based in Cwmbran and benefits include Essential User Car Allowance and, if appropriate, relocation expenses and a lodging allowance for a maximum of 12 weeks.
 Application forms and further details may be obtained from the Personnel Department, Gwent House, Cwmbran (telephone Cwmbran (04333) 87791 exts. 295/286), to which completed applications should be returned not later than Friday, 11th July, 1986.
 THIS ADVERTISEMENT APPEARS WITH THE AGREEMENT OF THE NEW TOWN STAFF COMMISSION.

City of WAKEFIELD
METROPOLITAN DISTRICT COUNCIL
BUILDING SERVICES DEPARTMENT
Senior Architect
 PO6 £12,513-£13,662
 The Architectural Division of the Building Services Department requires an Architect of proven design ability and of several years post graduate experience to join a group dealing specifically with West Yorkshire Police Authority projects. The successful applicant will be responsible to the Group Architect (Police) and will be required to undertake a varied workload ranging from smaller alterations works to multi-million pound projects throughout the West Yorkshire Area. He/she should have an enthusiastic approach to the work and be able to motivate staff in the achievement of programme objectives. The Architectural Division has a CAD facility and some knowledge of these techniques may be an advantage. A car allowance and car loan scheme are available. Applicants should possess a current driving licence.
 Requests for application forms (accompanied by an A.E.C.) should be addressed to The Chief Executive, (Personnel Section), Town Hall, Wakefield, WF1 5HQ, to be returned by 9 July, 1986.

HAMBLETON DISTRICT COUNCIL
PLANNING & TECHNICAL DEPARTMENT
SENIOR ARCHITECTURAL TECHNICIAN
 Post P.T. 69
 Scale 4/5 (£6,900-£8,697)
 Applications are invited for the above post which is in the Council's Planning and Technical Department.
 The workload will include the design, contract preparation and site supervision of new-build and revitalisation schemes throughout the district.
 The applicant should be qualified to at least Higher Tech or similar, preferably with appropriate endorsements.
 Application forms and further details may be obtained from the Chief Planning and Technical Officer, Hambleton District Council, Bedale Hall, Bedale, North Yorkshire, DL8 1AA (telephone 0877-23131).
 Completed forms should be returned to him by Friday 11th July 1986 in an envelope marked "Confidential - Post P.T. 69".
 C. Spencer,
 Chief Executive & Clerk of the Council.

ALEXANDRA PALACE & PARK
Architect
 £11,973-£15,804
 To work with the architectural project team running the major works of reconstruction and redevelopment at Alexandra Palace: the present contract value is £30m and additional projects are currently being authorised.
 Comprehensive design, detailing and site experience is required and experience in specialist restoration work will be an advantage.
 The appointment will initially be for one year and may be extended to two years depending on workload and duration of the contract.
 Application forms and further details are available from Ann Wilds, Development Team, Alexandra Palace, Wood Green, London N22 4AY. Telephone 883 8477 Ext 47. Closing date 11th July 1986.

NORTH TYNESIDE METROPOLITAN BOROUGH COUNCIL
ARCHITECTS DEPARTMENT
DEPUTY CHIEF ARCHITECT
 80% JNC Chief Officer's Range: (£17,044-£18,753) (Ref. No. 168/86)
 Applications are invited from experienced architects for this second tier post to assist in the management of a multi-disciplinary department which employs 120 staff.
 The Department is responsible for carrying out the Council's capital and revenue programmes and provides architectural, quantity surveying, electrical engineering, mechanical engineering, and landscape architecture services.
 Applicants should be Registered Architects with senior management experience, preferably in Local Government in addition to deputising for the Chief Architect the successful applicant will be responsible for co-ordinating the work of the multi-disciplinary design teams.
 A car user allowance is payable and assistance in relocation expenses may be given.
 For further details about the post, please contact the Chief Architect, Mr. J. M. Grinell (telephone 091 266 4911).
 Closing Date: 11th July 1986.
 It is the policy of this Council to provide equal employment opportunities and consideration will be given to all suitably experienced and qualified applicants regardless of disability, sex, race and marital status.
 Write for applications for the above post, including a s.e.e. and quoting the job ref. no. to the Personnel Department, 7 North Shields Square, North Shields, Tyne and Wear, NE30 1QQ.

tsa
 Please contact David Taylor, Technical Staff Appointments Ltd, Alliance House, 18 Canon Street, SW1 Tel: 01-493 3923 (6 lines)
 1. **JOINTS (N.I.)** busy practice are always looking for good quality architects w. 5-10 yrs exp & proven design flair. Sales Neg.
 2. **CITY OF LONDON** Practice are looking for an Architect with about 3-5 years post graduate experience of listed building restoration or general refurb. work. Sal. to £15000.
 3. **1931X (Bristol)** Charitable organisation are seeking staff at all levels from junior to qualified Architects. Sal. range £5000-£13000.
 4. **RECONSTRUCTION** busy practice requires a senior technician with HNC + 10 years experience for tenancy, housing and other projects on city centre and peripheral sites. Sal. neg.
 5. **HANTS (S)** Private practice are looking for a temporary or possibly permanent technician for office based project. Sal. neg.
 6. **HANTS (N)** Temporary post for architectural technician for working drawings and details on housing. Age 25-35, 4-6 months contract.
 7. **SURREY (S.W.)** Senior and junior ARCHITECTS/DESIGNERS with at least 5 years experience to work on large residential property in West London. Knowledge of or interest in French period details preferred. Salary to £10000 pa.
 8. **LONDON W.1** Interior Designer 5-10 yrs exp incl. retail. Able to run projects, store planning & shopping exp also reqd. Age 25-35. Asst designer, pref w. 6-3 yrs exp (also) in retail work. Gd drawing ability. To work as member of team. 1. Neg. 2. £7500-£8500.
 9. **RECONSTRUCTION** Arch Technician for wide range of projects. Sal. Neg.
 10. **ONSHAW, Essex** Architectural technician with interest in and able to assist in interior design, to work on pubs, clubs, etc. Sal. range £2000-£10000.
 11. **WARR, Herts** Architectural assistants with some experience needed to work on traditional housing schemes. Sal. neg.
 12. **HIGH WYCOMBE, Bucks** Graduate architect to assist with urgent drawing programmes for interior layouts/fitting out work & help with technical studies & detailed building development. Bright/tenacious to assist with interior layouts & details. Sal. neg.
 13. **CAMBS** Experienced architectural technician for permanent or temporary post on commercial refurbishment projects. 22 neg.
 14. **RECONSTRUCTION** busy practice are looking for job architects. Good opportunity to join well known firm. Sal. Neg.

THE SEYMOUR HARRIS PARTNERSHIP
 require experienced **ARCHITECTS & TECHNICIANS**
 Applicants are invited to work on new projects for Architects preferably recently qualified with flair for design and presentation, prepared to work on own initiative and a willingness to accept responsibility.
 Apply in writing with C.V. to:—
 Mr K Wood
 The Seymour Harris Partnership
 4 Greenfield Crescent
 Edgbaston
 Birmingham B15 3BQ

MASINI FRANKLIN
 require **EXPERIENCED ARCHITECTS**
 with talent and enthusiasm to take a major role in a new prestige development consisting of showrooms and offices.
 To assist in our continuing programme of housing work.
 To manage contracts for various projects.
 Please apply in writing together with c.v.
 Masini/Franklin Partnership
 18 Barclay Road,
 Croydon,
 CR9 1BU

Senior Architect with Contract Management Experience
 The Building and Civil Engineering Department of Courtauld Engineering Limited is an integrated group of Architects, Structural and Civil Engineers and Quantity Surveyors providing a comprehensive building design service for new and rehabilitation projects in the UK and overseas.
 Current and new assignments have created the need to strengthen existing resources demanding close collaboration with a wide range of professional engineering disciplines involving a variety of industrial and commercial applications.
 Candidates should be self-motivated with a sound professional background in an industrial and commercial environment. Considerable experience in dealing with clients and contractors is essential, as well as proven ability in design and presentation. Optimum age 35/45.
 This appointment offers the usual benefits of a large Group including a contributory pension scheme and relocation assistance in appropriate circumstances.
 Applications should be made in writing to: Mr K. W. Reynolds, Personnel Manager, Courtauld Engineering Limited, PO Box 11, Foleshill Road, Coventry CV6 5AB.
CEL Courtauld Engineering Limited... the project people
 An equal opportunity employer

Montrose Architecture TECHNICIANS
 £10,000
 With 3 to 4 years experience as a technician, as well as to produce plans. This is a great opportunity for a technician to work on the industrial and commercial side, with excellent career progression. Don't miss this unique opportunity. Call 021 843 7010.
 18 Watling St., Birmingham.
 Recruitment Consultants

STOP PRESS
THE FITZROY ROBINSON PARTNERSHIP
 13 Devonshire Street, London W1
 have vacancies for **ARCHITECTURAL PERSPECTIVE ARTISTS**
 for the preparation of perspective and presentation drawings. Outstanding opportunities for candidates with a wide range of drawing styles to join a leading practice with a very full programme of work.
 Telephone David Punter 01-636 8033 (Ext. 460)

KEITH HARRISON AND ASSOCIATES
 require **Architectural Technicians**
 with a minimum of 3 years experience to work on a variety of housing and church projects.
 Apply in writing with C.V. and some recent examples of work to:—
 Keith Harrison
 81 Parkway, London NW1

HUBBARD FORD PARTNERSHIP
 expanding workload provides outstanding opportunities for **YOUNG ARCHITECTS**
 to take part in the design stages of a large number of interesting projects.
 Telephone Ian McInnes on 01-499 9231

CAMBRIDGE Architects & Architectural Technicians
 an exciting opportunity exists for competent Architects and Technicians with several years experience and sound proven technical ability. C.A.D. experience useful but not essential.
 We are a thriving practice with extremely varied industrial, retail and residential projects.
 Salary negotiable, commensurate with age and experience.
 Please phone or write in first instance to:—
 Forum Architects
 81-83 Hills Road, Cambridge CB2 1PG
 Tel: 0223 66616

10 MONTHS FROM INCEPTION TO COMPLETION
 This is the current rate of progress for our projects including both leisure pools and hotel projects.
 If you feel you are up to it with proven design and detailing ability we need **ARCHITECTS TECHNICIANS STUDENTS WITH PART II**
 for hotel and leisure complexes a large leisure pool and a theme park.
 Please apply with C.V. to:
SARGENT & POTIRIADIS ARCHITECTS AND LEISURE PLANNERS
 5 Dryden Street
 Covent Garden
 London WC2E 9NW
 Peter Sargent & Mark Potiriadis will meet all short listed applicants in early July 1986

Plincke Leaman & Browning wish to appoint two or three talented young architects to their design conscious office overlooking Winchester Cathedral Green. (0962) 67555

SUFFOLK
 practice near Norwich, seven staff, requires **ARCHITECT**
 (under 35 years preferred) for varied work, plus career prospects, in pleasant surroundings.
 Write with C.V. to: Box 337, c/o Building Design 30 Calderwood Street, Wokingham RG4 6QH

ARCHITECTURAL ASSISTANT/TECHNICIAN
 required for residential design work in busy Buckinghamshire practice.
 James Cox
 18 Bedford House
 18 Bedford Hill
 Aylesbury, Bucks.
 0295 88131

WE ARE LOOKING FOR EXPERIENCED AND INSPIRED PART TIME STAFF
 APPLY TO CHRISTOPHER CROSS DEPT. OF ARCHITECTURE
 oxford polytechnic
 HEADINGTON OXFORD OX3 0BP
 Tel. 0845 64777

Vacancy for recent **GRADUATE ARCHITECT**
 knowledge of, or interest in restoration and conservation work an advantage. Excellent prospects for talented, dedicated and enthusiastic person.
 Vacancy for year out student with a good degree.
 Please apply in writing with C.V.
 George Hayes
 Hayes & Partners
 61 Prestonbury Road
 Walsfield
 Cheshire SK10 1BL

INFIELD
 Part I and Part II Assistants and Technicians required immediately to work directly with the Partners on a variety of interesting projects in a small friendly office.
 Please write, giving CV and anticipated salary to: E. William Palmer and Partners The Studios 101 Fotheringham Road, Bedford MK43 1TQ or telephone 01583 3345/6

ARCHITECT/SENIOR ASSISTANT
 Due to further expansion of commissions, well practice seeks a non-smoking person with initiative and imagination to join in one of a wide variety of projects situated throughout the country.
 Apply in writing to: Malcolm F. Ward Chartered Architect 93 High Street, Marlborough Wiltshire SN8 1HB

MORSON INTERNATIONAL
 urgently requires **ARCHITECTS & TECHNICIANS**
 for long term North West contracts.
 Tel 061-707 1816 or 061-707 1816
 061-707 1816

CBP Lancaster
 require an **Architectural Asst. Technician**
 please reply to: CHARLES B. REARSON SON & PARTNERS Mayo House Meeting House Lane Lancaster LA1 1TL 0624 64234
 We are a busy design consultancy involved in projects within the UK. We have vacancies for **PROJECT MANAGERS** with RIBA or RICS Building Surveying qualifications and previous experience of supervising building contracts. Good salaries and other benefits are offered.
ARCHITECTURAL TECHNICIANS
 Required for preparation of constructional drawings and details. Very good working environment.
 High salaries will be paid to applicants who have at least five years experience in similar positions.
 Please apply initially to 01-278 4375 Ext. 200
 9-11 MYNNA STREET, LONDON N1 6PF

Montrose Architecture
 TECHNICIAN
 £10,000
 With 3 to 4 years experience as a technician, as well as to produce plans. This is a great opportunity for a technician to work on the industrial and commercial side, with excellent career progression. Don't miss this unique opportunity. Call 021 843 7010.
 18 Watling St., Birmingham.
 Recruitment Consultants

VALE OF WHITE HORSE DISTRICT COUNCIL TECHNICAL ASSISTANT

Salary Scale 5 (£7920-£8697 p.a.)

Applications are invited for the above post in the Architectural Services Division of the Department of Planning and Development. Applicants should have at least 2 years practical experience of preparing drawings for housing and other schemes, must have reasonably good knowledge of surveying, building construction and preparing presentation drawings, preference will be given to candidates who have either completed part of their architectural training, or who possess HNC in building, or hold similar other qualification.

The successful candidate will be able to obtain all round experience, including the running of some small schemes.

Provision of housing accommodation will be considered in an appropriate case and removal and disturbance allowances will be paid in accordance with the Council's own scheme, up to a maximum of £2,000.

Applications in writing with full cv. and including the names and addresses of two referees, to be accompanied by questionnaire, obtainable from the Personnel Office, 66 Bath Street, Abingdon, Oxon OX14 1ED. (Tel. Abingdon (0355) 90361, Ext'n 54). Closing date for receipt of applications, Friday 11th July, 1986.

HAVANT BOROUGH COUNCIL TECHNICAL SERVICES DEPARTMENT POST T 506 — ARCHITECTURAL ASSISTANT

SO1 £9975-£10638

There is a vacancy in the Architects' Section for a suitably qualified Architectural Assistant to work on a variety of projects of all sizes both individually and as a member of a small team. The successful applicant will be able to exhibit design flair tempered with a sound practical knowledge of building construction.

Disabled persons may apply as appropriate. The post is subject to an attractive range of nationally and locally negotiated conditions of service. Relocation assistance and housing will be provided in appropriate circumstances.

Application forms and further particulars from:-

Director of Technical Services
Havant Borough Council
Civic Offices
Civic Centre Road
Havant
Hampshire
Havant 474174 Ext. 174
Closing Date: 9th July, 1986

SHEFFIELD COUNCIL Working for a better City

If you are enthusiastic, creative, highly motivated and committed to the community approach to public sector housing work, then this job could be for you.

ARCHITECT

Sc5/SO2 £7,920-£11,804

according to age and experience. (Pay award pending with effect from 1st July 1986).

Sheffield has recently re-organised its Architects Department to create areas that provide all the architectural services for 16 area based Housing Management teams. Architects are now working closely with tenants and housing staff on a wide range of exciting schemes. These include new building initiatives, comprehensive modernisation schemes for interwar and pre-war estates, high rise blocks and individual Victorian houses; enabling schemes on private houses and area based housing offices. Will work in a team of architects and technicians and should ideally have several years post qualification experience, be capable of running large contracts and be able to demonstrate a high level of design ability. For an informal talk and further information please telephone David Peel 0742 757029.

APPLICATION FORMS AND FURTHER DETAILS FROM THE PERSONNEL SECTION, DEPARTMENT OF BUILDING SERVICES, CITY PLAZA, RINFOLD STREET, SHEFFIELD S1 2QU. TEL. 0742 764112. CLOSING DATE 10TH JULY.

As an Equal Opportunity Employer we particularly welcome applications from women, black people and people with disabilities.

An Equal Opportunity Employer

SOUTH RIBBLE BOROUGH COUNCIL DEVELOPMENT AND PLANNING DEPARTMENT

Architectural Technician

(2 POSTS) Scale 5/SO1 and Scale 4/S

These posts are located in the Development Section which is responsible for the Council's capital building programme comprising new-build schemes, housing improvements, public buildings and general environmental improvements. Duties will involve all types of work from site survey to completion of contract works.

Applicants, who should hold an HNC in Building Construction or equivalent qualification, must be able to demonstrate all-round competence in the preparation of working drawings and specifications and have a sound knowledge of the Building Regulations, other current legislation and standards applicable to building construction generally.

Salary in both cases will be according to qualifications and experience. Car allowance will be paid. Assistance with removal expenses and housing may be provided in appropriate cases. South Ribble is a mixed urban/rural district situated at the heart of Central Lancashire within easy reach of the Lake District, Fylde Coast and the Pennines.

Please send a large stamped addressed envelope for application form, further details and job description to Manpower Services Unit, Civic Centre, West Paddock, Leyland, Lancs, PR5 1DH. Closing date 21 July 1986.

THAMES POLYTECHNIC Incorporating Avery Hill College SCHOOL OF SURVEYING Oakfield Lane, Dartford

SENIOR LECTURER IN BUILDING TECHNOLOGY, MANAGEMENT AND SURVEYING

Applications are invited from individuals with appropriate teaching or professional experience, previous teaching experience is preferred. Duties will include teaching Building Construction, Maintenance Technology and Maintenance Management to degree students. Applicants should have qualifications and/or experience in Building Surveying, Building or Construction Management.

Salary scale: £12992-£14310 (bar) - £15309 inclusive.

Prospective applicants are welcome to contact John McWilliam or Roger Jones on 01-854 9030 Ext. 535 for an informal discussion. Further particulars and application form from the Staffing Officer, Thames Polytechnic, Wellington Street, London SE18 6PP, to be returned by 8 July 1986.

Thames Polytechnic is an equal opportunities employer.

HAVANT BOROUGH COUNCIL TECHNICAL SERVICES DEPARTMENT ARCHITECT — NEW POST

PO1-4 £11280-£12168

This is a new post for an enthusiastic qualified architect in a group comprising architects, building and quantity surveyors. The post is for an all rounder with experience in designing housing layouts and major conversion and modernisation works.

Disabled persons may apply as appropriate.

The post is subject to an attractive range of nationally and locally negotiated conditions of service. Relocation assistance and housing will be provided in appropriate circumstances.

Application forms and further particulars from:-

Director of Technical Services
Havant Borough Council
Civic Offices
Civic Centre Road
Havant
Hampshire PO9 2AX
Telephone Havant 474174 Ext. 174
Closing Date: 16th July, 1986.

NORTH WESTERN REGIONAL HEALTH AUTHORITY

Senior Architect

Salary £10,051 to £13,528 p.a. (Pay award pending)

The NHS Estate of this Authority comprises 190 health complexes and serves a population of 4.4 million. Capital investment of some £600 million is planned over the next 10 years.

We require a Senior Architect to work independently on small projects or as a member of a multi-disciplinary team on large projects. Duties may include: the preparation of feasibility studies; design, contract control, liaison with other members of the Planning and Design Teams.

Facilities are excellent and include an 'Acropolis' drafting and design system.

You must be a Registered Architect and preferably be a corporate member of the Royal Institute of British Architects. Experience in the design and construction of small projects or involvement with design teams engaged on medium sized projects is essential.

Application form and job description from Regional Personnel Division, Gateway House, Piccadilly South, Manchester, M60 7LP. Tel: 061-236 9456, Ext. 614. Please quote reference number 854. Closing Date: 18th July 1986.

NORTH TYNESIDE METROPOLITAN BOROUGH COUNCIL ARCHITECTS DEPARTMENT

ARCHITECT/ ARCHITECTURAL ASSISTANT

(Ref. No. 167/86)

SO1 or P.O. 1-4 (£9975-£10638) or (£11280-£12168)

As a result of an increasing workload the above post has been identified as being necessary to enable this Department to meet the Council's Architectural requirements in the Capital Programme. The successful applicant will join a team engaged in a varied programme of new build, adaptation and modernisation projects and will therefore have to be interested in a wide range of building work.

Applications are invited from Qualified Architects and from graduates who are seeking a position in which to continue their practical training prior to the RIBA Part 2 examination.

The commencing salary will be dependent upon the stage of qualification reached at the time of appointment. Relocation expenses will be paid in appropriate cases. For further details about the post please contact Mr. L. Brown on Tyneside (091) 266 4911.

Closing Date: 11th July 1986.
It is the policy of this Council to provide equal employment opportunities and consideration will be given to all suitably experienced and qualified applicants regardless of disability, sex, race and marital status.

Write for application form for the above post, including a cv. and quoting the job ref. no.

to the
Personnel Department
7 Northumberland Square
North Shields
Tyne and Wear
NE28 1QG

KIRKLEES METROPOLITAN COUNCIL Directorate of Technical Services

LANDSCAPE ASSISTANT — Post No 393410

Salary Scale 5 £6990-£6997

Applications are invited to join an enthusiastic Landscape Team involved in a wide range of landscape work including land reclamation, housing, education, social services, countryside and recreation projects.

Candidates will be expected to demonstrate a high standard of design and communicative ability and should possess Part II qualification in Design of the Landscape Institute.

A current driving licence is essential.

Closing date Monday 14 July 1986.

QUANTITY SURVEYING ASSISTANT/TECHNICIAN

Post No 391100

Grade: Scale 5 £6900-£7713

Based in the Quantity Surveying Section of the Directorate.

Duties include assisting Quantity Surveyors in the preparation of Bills of Materials, with the measurement of specific parts of projects, using computer aided taking off programs, checking arithmetical calculations, reading over and checking drawings and preparing interim applications.

Measurement on site of valuations and preparation of monthly valuations under the guidance of a Quantity Surveyor and any other duties as may be required.

Applicants must have passed the first examination of the RICS or hold a Higher National Diploma or a Degree in Quantity Surveying or have HNC and must have some practical quantity surveying experience.

Closing date 7 July 1986.

Application forms for the above 8 posts from the Personnel Office, Directorate of Technical Services, PO Box 999, Civic Centre, Market Street, Huddersfield HD1 1BA. Tel: Huddersfield 33131. £24 and are returnable to the Director D.C.W. Name RIBA by closing date above.

The Council operates a Trade Union Membership Agreement. An Equal Opportunity Employer.

The Borough of Eastleigh is situated in Southern Hampshire close to the scenic, sporting attractions of the New Forest and Solent.

The New Build Projects Section of the Technical Services Department, which provides an in house design, contract preparation and supervision service for all the Council's new build projects, ranging from village halls and pavilions to 50 unit sheltered housing schemes, have the following two vacancies:-

ASSISTANT NEW-BUILD PROJECT MANAGER/ PRINCIPAL ARCHITECT

£11,604 to £12,512 pa (pay award pending)

The post holder will be required to deputise for the New Build Projects Manager, and will also lead the small Architectural Design Group within the Section. Applicants should have at least 3 years experience since qualifying to RIBA.

ASSISTANT QUANTITY SURVEYOR

£7,920 to £10,639 pa (pay award pending).

The duties will include the preparation of Bills and Specifications, measurement of works in progress, accounts, and liaison with specialist consultants/sub-contractors. Applicants should have at least 3 to 4 years experience and be qualifying towards RICS.

Both posts carry an essential user car allowance and therefore a clean current driving licence is necessary and relocation expenses of up to £2,500 will be payable in approved cases.

Application forms available from Mrs Louise Reed, Manpower Services Section, Civic Offices, Leigh Road, Eastleigh, Hants SO5 4YN or telephone Eastleigh 614646 ext. 3054 and are to be returned by 11 July 1986.

Borough of
Eastleigh
An Equal Opportunity Employer

Architectural Assistants

Professional & Technical Officers
£8,365 to £10,675 (including Inner
London Weighting)

Technical Grade I
£7,165 to £8,965 (including Inner
London Weighting)

The Property Services Department of the Metropolitan Police Office has a number of vacancies in existing project teams and is in the process of forming design teams for an expanding workload.

The teams undertake the design and construction of new courts, Police Stations, Offices, residential buildings, laboratories, computer installations etc. In addition there are vacancies in teams dealing with alteration and extension work offering valuable site experience.

Successful candidates will be expected to make a positive contribution to the work of the team and initiative is encouraged.

The Office is recognised for training purposes and encourages staff in all aspects of professional training including day release.

Qualifications For PTO you need ONC/BTEC/SCOTVEC(NC) or the equivalent or higher in the appropriate subject plus practical experience.

For Technical Grade I you need a City & Guilds Advanced Craft qualification and have served a recognised apprenticeship, or passes at GCE 'O' level or CSE (Grade 2). Several years practical experience are also required.

Application forms and further details are available from the Establishment Officer, Metropolitan Police Office, Room 213 (PSD/AA), 105 Regency Street, London SW1P 4AN or telephone 01-280 8122 (24 hour answering service).

The Metropolitan Police Office is an equal opportunities employer.

METROPOLITAN POLICE OFFICE

BOROUGH OF SOUTH TYNESIDE

DIRECTORATE OF TECHNICAL SERVICES

Application forms for the following posts may be obtained from the Chief Personnel and Management Services Officer, Westoe Hall, Westoe Village, South Shields (Telephone Tyneside 4554988) and should be returned by Noon on 11th July 1986.

DEPARTMENT OF ARCHITECTURE SENIOR ARCHITECTURAL ARCHITECT

POCE11,850 - £12,885 p.a.

The Department of Architecture, although contained within the Directorate of Technical Services, is the executive responsibility of the Chief Architect.

The successful candidate will be expected to make a significant contribution to a large and varied range of projects for the multi-purpose Authority, ensuring interest and opportunity for design input. This is a re-advertised post, previous applicants need not apply.

ASSISTANT ARCHITECT £8,979-£11,804 p.a.

The post gives the opportunity to become involved in a wide range of architectural projects currently being undertaken by the multi-purpose Authority.

This is a re-advertised post, previous applicants need not apply. Commencing salary commensurate with qualifications and experience.

Property Architect Architectural Assistant/ Architect Architectural Technician

The Property Department covers the complete concept of property management and is organised in six Divisions across nine professional disciplines.

Applications are invited for the above posts based in the Design Division which is a multi-disciplined practice of Architects, Mechanical, Electrical and Structural Engineers, Land Surveyors and Landscape Officers with responsibility for the formulation of design policy and its implementation in respect of all services of the County Council, including the Capital Building Programme.

Successful candidates will be expected to meet the following requirements:-

Architect

To be Registered, preferably a member of the RIBA, and with several years of post graduate experience in the design and supervision of contracts.

Architectural Assistant/Architect

To hold a degree/diploma in architecture and be a competent designer with a sound knowledge of building construction moving towards his/her professional practice examination.

Architectural Technician

To have a sound knowledge of building construction and regulations, preferably with HNC Building or equivalent.

Salary: PO1/2 £11,280-£12,885 July

SO1/PO1 £9,975-£12,168 pay

SO3/6 £6,234-£9,591 award

Hours: Full Time

If you are interested in either of the above posts and feel that you could become a useful member of the Property Department, please write to the Head of Manpower Services at County Hall, Bedford MK42 8AP (SAE Please) or ring Bedford 228288 for an application form; or for an informal discussion telephone the Design manager, Mr. B. Dickinson, at County Hall on Bedford (0234) 63222 extension 2445.

Closing date: 11th July 1986.

The Council is an equal opportunity employer, and welcomes applications from members of ethnic minority groups, disabled persons and all other sections of the community.

Telephone 01-701 2870 (24-hour answering service) any time for an application form, or write, on a postcard, to: The Personnel Officer, London Borough of Southwark, 25 Commercial Way, London, SE15 8DG.

Last date for receipt of completed application forms: 23.7.86.

Bedfordshire
A Nuclear Free Zone

ENGINEER AND SURVEYOR'S DEPARTMENT

MAINTENANCE OFFICER

Scale 5/6 Salary up to £9,891 (award pending) plus essential car user allowance

A challenging opportunity arises for an experienced, dynamic, self-motivated person to fulfil their career aspirations in the field of building and property maintenance.

The successful candidate will be able to provide a technical advisory service to the housing maintenance function in addition to personally administering, supervising and controlling selective maintenance works undertaken by private contractors. The scope of responsibility will include Council owned industrial units, public buildings and housing stock in a designated area. Candidates for this post will already have experience in the field of building maintenance and be able to write concise work specifications constituting part of the department's tendering procedures.

Ideally, applicants for this post will have already achieved the minimum requirements of B.T.E.C. Higher National Certificate in Building Studies or expect to be successful in this year.

Benefits include 100% removal expenses, assistance with relocation and holiday allowances. Housing accommodation may be available in appropriate cases.

Application forms and job descriptions are available from the Personnel and Management Services Officer by telephoning Daventry 71100 extension 222 and should be returned by 16th July 1986.



DAVENTRY DISTRICT COUNCIL

HOUSING DEPARTMENT

Liaison surveyors

(3 POSTS)
£14,202-£15,342 (PO3). Ref BD/6/6965

Southwark Surveyors is part of Technical Services (comprising Surveyors, Engineering Services and the Council's Direct Labour Organisation), which reports direct to the Director of Housing. The Division actively encourages a multi-disciplinary approach to its work under the direction of Mr. William Box, FRICS, Chief Building Surveyor, Mr. Richard Atkinson, FRICS, Assistant Chief Building Surveyor and Mr. Alan Garton, Dip. Arch. (Oxford), Assistant Chief Building Surveyor.

The Division is responsible for a large capital rehabilitation maintenance and improvement programme to the Council's housing stock of some 82,000 properties: more than £20m. In 1985/86, with the professional work being undertaken by both Internal and Consultant Surveyors and Architects. The Council is also committed to close tenant liaison and participation in the decision making process and an integration between the technical and housing management functions.

The role of the Liaison Surveyor is to act as an interface between the professional in-house staff with Consultants, Housing Management and tenant groups. The posts offered are challenging and demanding with responsibility for ensuring proper consultation, production and issuing of briefs, maintaining highest possible standards of pre and post building contract work, ensuring predetermined contract programme are met and the financial control of expenditure. Applicants should preferably be Chartered Building Surveyors, Architects or Engineers with at least five years post qualification experience, although consideration will be given to those applicants who can either demonstrate relevant part qualification or extensive experience in similar or related fields.

Applicants must be able to demonstrate management and communicative skills of a high order. Due to the constantly changing pressures created by external influences within the sphere of local government, the work is interesting and varied, but in return requires a flexible and innovative approach with ability to work under pressure. Although local government experience would be an advantage, we are seeking the type of applicant who can demonstrate managerial skills that may have been acquired within the Private Sector.

The Division is committed to positive development of tenant consultation and an innovative approach to its work which will require frequent work outside normal working hours.

For an informal discussion about this post, please contact either Mr. Richard Atkinson, Assistant Chief Building Surveyor, or Mr. James Bates, Principal Liaison Surveyor, on 01-703 0877.

APPLICANTS ARE WELCOME FROM RECENT GLC OR MCC EMPLOYEES

Southwark is an equal opportunity employer. Applications are welcome from candidates regardless of sex or ethnic origin and from registered disabled persons.

Telephone 01-701 2870 (24-hour answering service) any time for an application form, or write, on a postcard, to: The Personnel Officer, London Borough of Southwark, 25 Commercial Way, London, SE15 8DG.

Closing date: 11th July 1986.

Last date for receipt of completed application forms: 23.7.86.

Southwark is an equal opportunity employer. Applications are welcome from candidates regardless of sex or ethnic origin and from registered disabled persons.

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Last date for receipt of completed application forms: 23.7.86.

Southwark is an equal opportunity employer. Applications are welcome from candidates regardless of sex or ethnic origin and from registered disabled persons.

Telephone 01-701 2870 (24-hour answering service) any time for an application form, or write, on a postcard, to: The Personnel Officer, London Borough of Southwark, 25 Commercial Way, London, SE15 8DG.

Closing date: 11th July 1986.

Last date for receipt of completed application forms: 23.7.86.